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# STATEWIDE INDUSTRY/OCCUPATION PROJECTIONS - 1985 -

A Labor Market Information Publication

RESEARCH AND ANALYSIS SECTION  
EMPLOYMENT SECURITY DIVISION  
DEPARTMENT OF LABOR AND INDUSTRIES  
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PART 1: STATE OF MONTANA

INDUSTRY/OCCUPATION PROJECTIONS: 1985

A LABOR MARKET INFORMATION PUBLICATION

STATE OF MONTANA

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DEPARTMENT OF LABOR AND INDUSTRY  
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in cooperation with  
EMPLOYMENT AND TRAINING ADMINISTRATION,  
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FOURTH EDITION:

Part 1 State of Montana  
Part 2 Billings SMSA  
Part 3 Great Falls SMSA

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## INTRODUCTION

This publication is one of three in the fourth edition of industrial and occupational projections using the matrix application of staffing patterns. The third edition was published under the title of "Montana Manpower: 1980", with emphasis on coal development. Emphasis is placed on the fourth edition to provide industry/occupation projections on a Statewide and Standard Metropolitan Statistical Area (SMSA) basis. In order to meet specific needs and target dates, three publications have been prepared. These include a publication for the State of Montana and one for each of the Standard Metropolitan Statistical Areas (Great Falls and Billings). Additional occupational information may be obtained through the Montana Occupational Employment Statistics program by contacting Dick Gibson, Supervisor, Research and Analysis, Employment Security Division, Helena, Montana 59601; (telephone: (406) 449-2430).





## EMPLOYMENT BY INDUSTRY



## I     EMPLOYMENT BY INDUSTRY     1985

Employment estimates during 1974 numbered 299,500 workers while forecast employment in 1985 numbers 342,300 workers - an increase of fourteen percent. In order to determine the magnitude and specific areas of increasing employment by industry, it becomes necessary to categorize industries by like services or products. The first classification of industries for analytical use is divided into two sectors - goods producing and service producing. Goods producing, as the name implies, deals in producing goods for consumption and includes the major industry divisions of agriculture, mining, manufacturing, and contract construction. Service producing industries include: trade; services; government; transportation and public utilities; and finance, insurance and real estate.

It is interesting to note that the services producing sector is larger and growing faster than the goods producing sector. By 1985, the services producing sector is expected to grow nineteen percent as compared to a four percent growth rate in the goods producing sector and will be two and one-half times larger. Although Montana is considered a resource state, it is apparent that most jobs are service oriented and this trend is expected to continue.

The following sections of the nine major industry divisions provide information of anticipated job openings during the 1974 to 1985 period. Replacement needs and industry expansion during the period are discussed, as well as potential industry employment declines.

## AGRICULTURE, FORESTRY AND FISHERIES:

Agriculture remains Montana's largest export industry and provided employment opportunities to 37,000 workers in 1974. The employment decline experienced during the sixties and seventies is expected to level off. The 1985 employment forecast for this industry is 37,000 workers, the same as 1974. Employment opportunities exist in this industry through replacement needs rather than by industry expansion. Worldwide demand for food will help offset technology in stabilizing employment levels. Forestry and fisheries are primarily government controlled and should increase proportionately with the population. Any industry expansion during the period will be attributed to forestry and fisheries rather than to agriculture.

## MINING:

Mining has played an important role in Montana's history and will continue to do so in the future. Although employment has been declining since the 1940's, interest in energy resources - such as Montana's coal - will help stabilize employment as technology and prices adversely affect metal mining employment. Industry expansion in coal, petroleum, natural gas, quarrying, and non-metallic mining will be prevalent as will replacement needs in all industries in this division. Mining employment levels were estimated at 7,700 workers in 1974 and forecast to 7,800 workers by 1985.

### CONTRACT CONSTRUCTION:

Seasonal employment levels are extreme in the contract construction industry, but annual employment opportunities have remained nearly constant since 1949. This fact is in spite of large short-term construction projects such as the Minuteman Missile Project, Yellowtail Dam, Libby Dam, Colstrip Units #1 and #2, and the Interstate Highway System. A constant trend line is expected to continue in this industry through 1985; however, large short-term construction projects are expected to increase employment during the period, and after completion, return employment levels to the trend line of approximately 23,000 workers. Workers will be needed for these large construction projects as well as for replacement needs.

### MANUFACTURING:

Manufacturing in Montana is centered around the lumber and wood products, primary metals, and food products industries. These three industries account for two-thirds of the employment in Montana's manufacturing division. Slow growth is forecast through 1985 with employment levels increasing only 2,800 workers. The durable goods sector of manufacturing is forecast to have 19,200 workers by 1985 with non-durable goods having 9,200 workers. Seasonal employment and labor disputes in parts of manufacturing can have far reaching effects in Montana's economy. Manufacturing in Montana is not comparable to the Nation's manufacturing structure.

#### TRANSPORTATION, COMMUNICATIONS, AND PUBLIC UTILITIES:

Slower than average growth is expected for this industry division; however, the major industries in this division are reacting differently and must be separated to analyze their respective growth trends. Transportation, primarily because of railroads, is expected to record a loss of employment by 1985. Communication and the public utilities industries combined are expected to increase twenty percent with employment growth providing opportunities for 9,300 workers by 1985. Major employment gains will be made in the electric, gas, and sanitary service industries with communications remaining stable.

#### WHOLESALE AND RETAIL TRADE:

An expected increase of 9,000 workers by 1985 will help wholesale and retail trade, Montana's second largest industry. Total employment for this division is forecast to exceed 78,000 workers. Wholesale trade will account for nineteen percent and retail trade eighty-one percent. Eating and drinking places, gas stations, and general merchandise stores will employ the largest number of workers with wholesale dry goods, apparel, and farm produce employing the fewest number of workers. Generally, good employment opportunities are expected to prevail in this industry division through industry growth and replacement needs.

#### FINANCE, INSURANCE, AND REAL ESTATE:

Although this industry is small, an eleven percent growth rate during the 1974 to 1985 period can be expected. Growth in this division is primarily linked to population growth. Workers in this industry

#### FINANCE, INSURANCE, AND REAL ESTATE: (Cont.)

division are usually white collar, and they can be expected to expand their ranks by 1,300 workers. Replacement needs are still another source of providing jobs in this industry division.

#### SERVICES:

The service industry is Montana's largest industry division and is expected to provide 103,200 jobs for workers by 1985. This represents a twenty-seven percent increase or an additional 22,000 workers over 1974 levels. Services include the industries of personal, household, lodging, auto, health, legal, educational, and miscellaneous services. All industries within this division are expected to provide good employment opportunities through growth and replacement needs by 1985. More than half of these job opportunities will be in the health and educational service industries. The major reasons for the rapid growth in this division results from an increasing population and standards that society now demands.

#### PUBLIC ADMINISTRATION:

Included in the public administration industry are postal services and federal, state, and local administration workers that cannot be placed in any of the other major industry divisions. This government division is expected to grow at a thirty-three percent rate by 1985 with federal and local administration recording the largest number of workers. Industry growth by 1985 will provide jobs for nearly 5,500 additional workers over 1974 levels.

GRAPH I.1

BROAD INDUSTRY GROUPS AS A PERCENT OF TOTAL EMPLOYMENT  
IN MONTANA, 1970, 1974, AND PROJECTED 1985

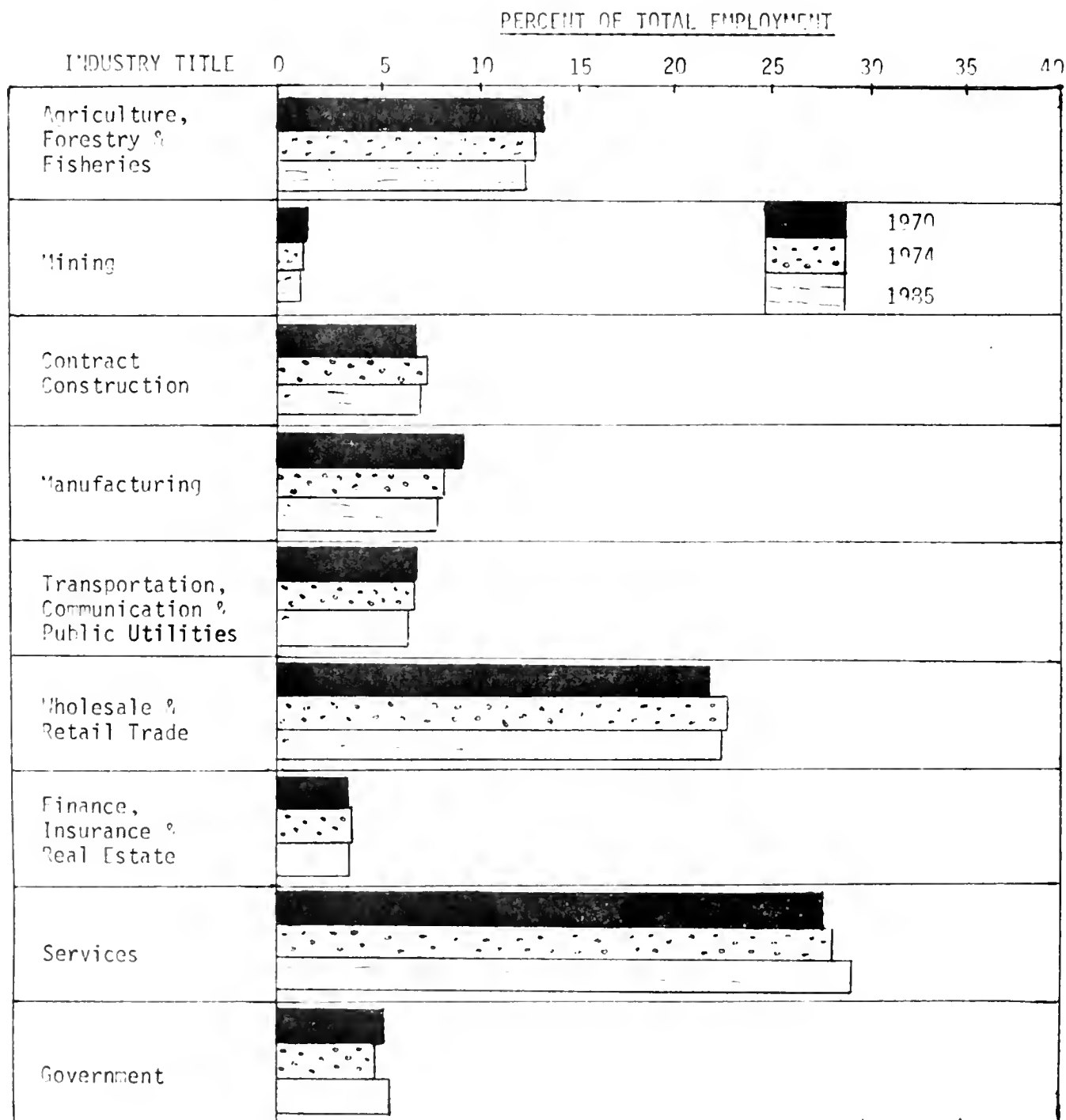




TABLE I.1

MONTANA EMPLOYMENT BY MAJOR INDUSTRY DIVISION:  
1970, 1974, AND PROJECTED 1977, 1985

| INDUSTRY  | EMPLOYMENT |       |       |       |
|---|------------|-------|-------|-------|
|   | 1970       | 1974  | 1977  | 1985  |
| TOTAL, ALL INDUSTRIES                             | 254.7      | 299.5 | 311.2 | 342.3 |
| Agriculture, Forestry, Fisheries                  | 34.3       | 39.6  | 39.9  | 40.7  |
| Mining  | 6.7        | 7.7   | 7.7   | 7.8   |
| Construction                                      | 18.1       | 23.1  | 23.1  | 23.2  |
| Manufacturing                                     | 24.7       | 25.6  | 26.4  | 28.4  |
| Durable Goods                                     | 15.8       | 16.6  | 17.4  | 19.2  |
| Nondurable Goods                                  | 8.9        | 9.0   | 9.0   | 9.2   |
| Transportation, Communication, & Public Utilities | 18.5       | 21.0  | 21.2  | 21.7  |
| Trade   | 57.1       | 69.0  | 71.5  | 78.2  |
| Wholesale Trade                                   | 10.4       | 12.5  | 13.0  | 14.6  |
| Retail Trade                                      | 46.7       | 56.5  | 58.5  | 63.6  |
| Finance, Insurance, & Real Estate                 | 9.3        | 11.5  | 11.9  | 12.8  |
| Services  | 71.8       | 85.6  | 91.6  | 107.6 |
| Public Administration                             | 14.2       | 16.4  | 17.9  | 21.9  |

TABLE I.2  
MONTANA TOTAL EMPLOYMENT BY INDUSTRY  
1974, 1985

| <u>INDUSTRY</u>                 | <u>S. I. C. Code</u> | <u>1974</u> | <u>1985</u> |
|---------------------------------|----------------------|-------------|-------------|
| INDUSTRY, TOTAL                 |                      | 299,524     | 342,294     |
| AGRI., FORESTRY & FISHERIES     | A                    | 39,576      | 40,716      |
| Agriculture                     | 01,02,07 exc. 0713   | 36,860      | 36,967      |
| Forestry                        | 08                   | 2,671       | 3,697       |
| Fisheries                       | 09                   | 45          | 52          |
| MINING                          | B                    | 7,717       | 7,813       |
| Metal Mining                    | 10                   | 4,148       | 3,016       |
| Coal Mining                     | 11,12                | 516         | 757         |
| Crude Petroleum & Nat. Gas      | 13                   | 2,084       | 2,996       |
| Quarrying & Non-Metal Mining    | 14                   | 969         | 1,044       |
| CONSTRUCTION                    | C (15-17)            | 23,118      | 23,191      |
| MANUFACTURING                   | D                    | 25,611      | 28,440      |
| Durable Goods Manufacturing     | 19, 24, 25, 32-39    | 16,655      | 19,215      |
| Ordnance                        | 19                   | 141         | 706         |
| Lumber & Wood Prod. exc. Furn.  | 24                   | 9,734       | 10,678      |
| Logging Camps & Contractors     | 241                  | 2,208       | 2,615       |
| Sawmills, Millwk, Misc. Prod.   | 242, 244, 249        | 7,526       | 8,063       |
| Furniture & Fixtures            | 25                   | 147         | 125         |
| Stone, Clay, Glass Prod.        | 32                   | 1,221       | 1,395       |
| Glass & Glass Prod.             | 321-3                | 3           | 8           |
| Cement, Concrete, Plaster       | 324, 327             | 1,088       | 1,238       |
| Structural Clay Prod.           | 325                  | 76          | 88          |
| Pottery & Related Prod.         | 326                  | 6           | 7           |
| Misc. NonMet. Min., Stone Prod. | 328, 9               | 48          | 54          |
| Primary Metals Industries       | 33                   | 3,372       | 3,957       |
| Blast Furnaces, Steel Works     | 3312, 3              | 34          | 41          |
| Other Prim. Metals Ind.         | 3315-7, 332, 3391, 9 | 33          | 39          |
| Primary Non-Ferrous Metal       | 333-6, 3392          | 3,305       | 3,877       |
| Fabricated Metal Products       | 34, exc. 194         | 486         | 667         |
| Machinery, exc. Electrical      | 35                   | 439         | 391         |
| Farm Mach. & Equip.             | 352                  | 125         | 100         |
| Misc. Machinery                 | 351, 3-6, 8, 9       | 314         | 291         |
| Electrical Mach., Equip., Supp. | 36                   | 130         | 217         |
| Transportation Equip.           | 37                   | 540         | 624         |
| Motor Vehicles & Equip.         | 371                  | 37          | 47          |
| Aircraft & Parts                | 372                  | 6           | 9           |
| Ship & Boat Building            | 373                  | 41          | 59          |
| Mobile Dwelling                 | 374, 5, 9            | 456         | 509         |
| Instruments & Allied Prod.      | 38                   | 60          | 53          |
| Instruments & Fire Control      | 381-6, 194           | 60          | 53          |
| Watches & Clock Devices         | 337                  | 0           | 0           |
| Misc. Manufacturing             | 39                   | 384         | 403         |

MONTANA TOTAL EMPLOYMENT BY INDUSTRY (Cont.)

1974, 1985

| <u>INDUSTRY</u>                | <u>S. I. C. Code</u> | <u>1974</u> | <u>1985</u> |
|--------------------------------|----------------------|-------------|-------------|
| Nondurable Goods Manufact'g    | 20-23, 26-31         | 8,956       | 9,224       |
| Food & Kindred Prod.           | 20                   | 4,086       | 4,396       |
| Meat Prod.                     | 201                  | 939         | 1,248       |
| Dairy Prod.                    | 202                  | 705         | 804         |
| Canning, Preserving, Freezing  | 203                  | 56          | 127         |
| Grain Mill Prod.               | 204                  | 719         | 594         |
| Bakery Prod.                   | 205                  | 589         | 423         |
| Beverage Ind.                  | 208                  | 420         | 393         |
| Other Food Prod.               | 206, 7, 9            | 658         | 807         |
| Tobacco Manufacturing          | 21                   | 0           | 0           |
| Textile Mill Prod.             | 22                   | 32          | 122         |
| Apparel & Related Prod.        | 23                   | 150         | 170         |
| Paper & Allied Prod.           | 26                   | 531         | 632         |
| Pulp, Paper, Paperboard Mills  | 261-3, 6             | 531         | 609         |
| Paperbd. Containers, Boxes     | 265                  | 0           | 15          |
| All Other Paper Prod.          | 264                  | 0           | 8           |
| Printing, Pubshg, Allied Prod. | 27                   | 2,336       | 2,217       |
| Chemicals, Allied Prod.        | 28                   | 550         | 461         |
| Synthetic Fibers               | 2823, 4              | 0           | 0           |
| Drugs & Medicine               | 283                  | 8           | 11          |
| Paints, Varnishes, Rel. Prod.  | 285                  | 64          | 85          |
| Other Chemicals                | 281, 2821, 2         | 478         | 365         |
| Petroleum Refining, Rel. Ind.  | 29                   | 1,098       | 938         |
| Petroleum Refining             | 291                  | 1,098       | 938         |
| Other Petrol. & Coal Prod.     | 295, 9               | 0           | 0           |
| Rubber, Misc. Plastic Prod.    | 30                   | 140         | 214         |
| Rubber Prod.                   | 301-3, 6             | 0           | 0           |
| Misc. Plastic Prod.            | 307                  | 140         | 214         |
| Leather, Leather Prod.         | 31                   | 33          | 74          |
| Leather Tanning, Finishing     | 311                  | 15          | 32          |
| Footwear, exc. Rubber          | 313, 4               | 0           | 0           |
| All Other Leather Prod.        | 312, 5-7, 9          | 18          | 42          |
| TRANS. COMMUN. PUB. UTILITIES  | E (40-49)            | 20,970      | 21,729      |
| Transportation                 | 40-47                | 13,231      | 12,434      |
| Railroad Trans.                | 40                   | 6,314       | 5,006       |
| Local & Suburb. Trans.,        |                      |             |             |
| Interurb. Passgr. Trans.       | 41                   | 957         | 1,272       |
| Local & Interurb. exc. Taxis   | 411, 3-5, 7          | 699         | 1,016       |
| Taxis                          | 412                  | 258         | 256         |
| Motor Freight Tr. & Storage    | 42                   | 4,959       | 5,207       |
| Trucking                       | 421, 3               | 4,834       | 5,143       |
| Warehousing                    | 422                  | 125         | 64          |
| Water Transportation           | 44                   | 23          | 33          |
| Transportation by Air          | 45                   | 646         | 646         |
| Pipelines                      | 46                   | 116         | 79          |
| Transportation Services        | 47                   | 216         | 191         |

MONTANA TOTAL EMPLOYMENT BY INDUSTRY (Cont.)

1974, 1985

| <u>INDUSTRY</u>                   | <u>S. I. C. Code</u> | <u>1974</u> | <u>1985</u> |
|-----------------------------------|----------------------|-------------|-------------|
| Communication & Pub. Utilities    | 48-49                | 7,739       | 9,295       |
| Communication                     | 48                   | 3,871       | 3,940       |
| Telephone                         | 481                  | 2,842       | 2,793       |
| Telegraph                         | 482, 9               | 177         | 216         |
| Radio & Television                | 483                  | 852         | 931         |
| Electric, Gas, Sanitary Serv.     | 49                   | 3,868       | 5,355       |
| Electric, Gas, Steam              | 491-3, 6             | 2,066       | 2,966       |
| Water & Irrigation                | 494, 7               | 453         | 663         |
| Sanitary Serv., Other Util.       | 495                  | 1,349       | 1,726       |
| WHOLESALE & RETAIL TRADE          | F (50-59)            | 68,989      | 78,187      |
| Wholesale Trade                   | 50                   | 12,472      | 14,581      |
| Motor Vehicles & Equip.           | 501                  | 1,537       | 2,489       |
| Drugs & Chemicals                 | 502                  | 561         | 754         |
| Dry Goods & Apparel               | 503                  | 59          | 78          |
| Groceries & Related               | 504                  | 1,628       | 1,496       |
| Elec. Goods, Plumb. & Heatg. Sup. | 506-7                | 1,202       | 1,673       |
| Machinery & Equip.                | 508                  | 2,688       | 3,072       |
| Farm Produce & Misc.              | 505                  | 944         | 658         |
| Misc. Wholesale Trade             | 509                  | 3,853       | 4,361       |
| Retail Trade                      | 52-59                | 56,517      | 63,606      |
| Bldg. Mat., Hardware, Farm Equip. | 52                   | 4,455       | 5,026       |
| General Merchandise               | 53                   | 7,784       | 9,253       |
| Limited Price Stores              | 533                  | 943         | 946         |
| Other General Merchandise         | 53 exc. 533          | 6,841       | 8,307       |
| Food & Dairy Stores               | 54                   | 7,609       | 7,986       |
| Auto Dealers & Gas Stations       | 55                   | 9,993       | 11,516      |
| Auto Dealers                      | 55 exc. 554          | 5,090       | 5,413       |
| Gas Stations                      | 554                  | 4,903       | 6,103       |
| Apparel & Accessories             | 56                   | 2,246       | 2,369       |
| Furniture, etc.                   | 57                   | 2,022       | 2,042       |
| Eating & Drinking Places          | 58                   | 16,288      | 18,927      |
| Misc. Retail Stores               | 59                   | 6,120       | 6,487       |
| Drug Stores                       | 591                  | 1,767       | 2,081       |
| Other Retail Stores               | 59 exc. 591          | 4,353       | 4,406       |
| FINANCE, INSURANCE, REAL ESTATE   | G (60-67)            | 11,544      | 12,829      |
| Finance                           | 60, 61, 62, 67       | 5,626       | 7,116       |
| Bank & Credit Agencies            | 60, 61               | 5,166       | 6,593       |
| Stock Brokers & Invest. Co.       | 62, 67               | 460         | 523         |
| Insurance                         | 63, 64               | 3,205       | 3,195       |
| Real Estate                       | 65, 66               | 2,713       | 2,518       |

MONTANA TOTAL EMPLOYMENT BY INDUSTRY (Cont.)

1974, 1985

| <u>INDUSTRY</u>                                | <u>S. I. C. Code</u>                    | <u>1974</u>     | <u>1985</u>      |
|--|---|-----------------|------------------|
| SERVICES                                       | H (70,72,73,75,76,78-82,84,86,88,89)    | 85,592          | 107,488          |
| Private Household Services, exc. Private Hshd. | 88<br>H (70,72,73,75,76,78-82,84,86,89) | 3,934<br>81,658 | 4,306<br>103,182 |
| Hotels, Other Lodging Places                   | 70                                      | 8,126           | 8,266            |
| Personal Services                              | 72                                      | 4,638           | 5,118            |
| Laundry, Cleaning, Valet                       | 721, 7                                  | 1,482           | 1,233            |
| All Other Personal Serv.                       | 722-7, 9                                | 3,156           | 3,885            |
| Misc. Business Serv.                           | 73                                      | 3,633           | 5,514            |
| Advertising                                    | 731-6, 9                                | 158             | 177              |
| Other Misc. Business Serv.                     | 732-6, 9                                | 3,475           | 5,337            |
| Auto Repair Ser., Garage                       | 75                                      | 8,304           | 8,790            |
| Misc. Repair Serv.                             | 76                                      | 1,403           | 1,781            |
| Entertainment & Recreation                     | 78, 79                                  | 2,119           | 2,371            |
| Motion Pictures & Theaters                     | 78, 792                                 | 736             | 797              |
| Misc. Ent. & Rec.                              | 793, 1, 4                               | 1,383           | 1,574            |
| Medical & Other Health Serv.                   | 80                                      | 19,334          | 27,818           |
| Hospitals                                      | 806                                     | 11,692          | 16,106           |
| Other Med. & Health Serv.                      | 80, exc. 806                            | 7,642           | 11,712           |
| Legal Services                                 | 81                                      | 1,290           | 1,734            |
| Educational Services                           | 82, 84                                  | 24,777          | 31,986           |
| Museums, Art Galleries, Zoo                    | 83                                      | 67              | 82               |
| NonProfit Membership Orgnzn.                   | 86                                      | 5,307           | 6,614            |
| Welfare & Religious                            | 866, 7                                  | 3,462           | 4,382            |
| Other Nonprofit                                | 861-5, 9                                | 1,845           | 2,232            |
| Misc. Services                                 | 89                                      | 2,660           | 3,108            |
| Engineering & Architecture                     | 891                                     | 1,057           | 1,418            |
| Accounting & Bookkeeping                       | 893                                     | 1,354           | 1,383            |
| All Other Professional Serv.                   | 892, 9                                  | 249             | 307              |
| PUBLIC ADMINISTRATION                          | I (91-94)                               | 16,407          | 21,901           |
| Postal Services                                | 91                                      | 2,379           | 2,496            |
| Other Federal Public Adminis.                  | 94                                      | 5,866           | 8,353            |
| State Government                               | 92                                      | 3,367           | 3,650            |
| Local Government                               | 93                                      | 4,795           | 7,402            |

TABLE 1.3

TOTAL EMPLOYMENT IN MONTANA BY MAJOR INDUSTRY  
1970, 1974 AND PROJECTIONS FOR 1977, 1985

| INDUSTRY                       | PROJECTED  |        |            |        | PROJECTED  |        |            |        |
|--------------------------------|------------|--------|------------|--------|------------|--------|------------|--------|
|                                | 1970       |        | 1974       |        | 1977       |        | 1985       |        |
|                                | EMPLOYMENT | PCT.   | EMPLOYMENT | PCT.   | EMPLOYMENT | PCT.   | EMPLOYMENT | PCT.   |
| INDUSTRY TOTAL                 | 254,707    | 100.00 | 299,531    | 100.00 | 311,191    | 100.00 | 342,303    | 100.00 |
| AGRI., FORESTRY & FISHERIES    | 34,281     | 13.46  | 39,575     | 13.21  | 39,886     | 12.82  | 40,717     | 11.90  |
| Agriculture                    | 31,973     | 12.55  | 36,859     | 12.30  | 36,889     | 11.85  | 36,968     | 10.80  |
| Forestry                       | 2,268      | .89    | 2,671      | .89    | 2,951      | .95    | 3,697      | 1.08   |
| Fisheries                      | 40         | .02    | 45         | .02    | 47         | .02    | 52         | .02    |
| MINING                         | 6,695      | 2.63   | 7,718      | 2.58   | 7,744      | 2.49   | 7,813      | 2.28   |
| Metal Mining                   | 3,975      | 1.56   | 4,149      | 1.39   | 3,840      | 1.23   | 3,016      | .89    |
| Coal Mining                    | 102        | .04    | 516        | .17    | 582        | .19    | 757        | .22    |
| Crude Petroleum & Natural Gas  | 1,874      | .74    | 2,084      | .70    | 2,333      | .75    | 2,416      | .77    |
| Quarrying & Non-Metal Mining   | 744        | .29    | 969        | .32    | 989        | .32    | 1,044      | .30    |
| CONSTRUCTION                   | 18,073     | 7.10   | 23,118     | 7.72   | 23,138     | 7.44   | 23,190     | 6.77   |
| General Bldg. Contractors      | 3,047      | 1.20   | 6,584      | 2.20   | 5,950      | 1.91   | 4,261      | 1.24   |
| General Contractor Exc. Bldg.  | 9,517      | 3.74   | 8,792      | 2.94   | 9,490      | 3.06   | 11,351     | 3.32   |
| Special Trade Contractors      | 5,509      | 2.16   | 7,742      | 2.58   | 7,697      | 2.47   | 7,578      | 2.21   |
| MANUFACTURING                  | 24,702     | 9.70   | 25,613     | 8.55   | 26,385     | 8.48   | 28,445     | 8.31   |
| Durable Goods Manufacturing    | 15,767     | 6.19   | 16,656     | 5.56   | 17,355     | 5.58   | 19,220     | 5.62   |
| Ordnance                       | 618        | .24    | 141        | .05    | 295        | .09    | 706        | .21    |
| Lumber & Wood Products         | 8,451      | 3.33   | 9,735      | 3.24   | 9,992      | 3.21   | 10,678     | 3.12   |
| Logging Camps                  | 1,914      | .75    | 2,208      | .74    | 2,319      | .75    | 2,615      | .76    |
| Sawmills, Millwk., Misc. Prod. | 6,537      | 2.58   | 7,527      | 2.50   | 7,673      | 2.46   | 8,063      | 2.36   |
| Furniture & Fixtures           | 130        | .05    | 147        | .05    | 141        | .05    | 125        | .04    |
| Stone, Clay, Glass Products    | 1,002      | .39    | 1,221      | .41    | 1,269      | .41    | 1,397      | .41    |
| Glass & Glass Products         | 0          | .0     | 3          | .0     | 4          | .0     | 8          | .0     |
| Cement, Concrete, Plaster      | 798        | .31    | 1,088      | .36    | 1,129      | .36    | 1,240      | .36    |
| Structural Clay Products       | 32         | .01    | 76         | .03    | 79         | .03    | 88         | .03    |

| INDUSTRY                              | 1970       |      | 1974       |      | PROJECTED  |      | PROJECTED  |      |
|---------------------------------------|------------|------|------------|------|------------|------|------------|------|
|                                       | EMPLOYMENT |      | EMPLOYMENT |      | EMPLOYMENT |      | EMPLOYMENT |      |
|                                       | PCT.       |      | PCT.       |      | PCT.       |      | PCT.       |      |
| Pottery & Related Products            | 4          | .00  | 6          | .00  | 6          | .00  | 7          | .00  |
| Misc. Non-Metallic, Stone             | 168        | .07  | 48         | .02  | 50         | .02  | 54         | .02  |
| Primary Metals Industries             | 4,412      | 1.74 | 3,373      | 1.13 | 3,533      | 1.14 | 3,958      | 1.16 |
| Blast Furnaces, Steel Works           | 45         | .02  | 34         | .01  | 36         | .01  | 41         | .01  |
| Other Primary Metals Industries       | 42         | .02  | 33         | .01  | 35         | .01  | 39         | .01  |
| Primary Non-Ferrous Metal             | 929        | .36  | 715        | .24  | 749        | .24  | 838        | .24  |
| Other Primary Non-Ferrous             | 3,396      | 1.34 | 2,591      | .87  | 2,713      | .87  | 3,040      | .89  |
| Fabricated Metal Products             | 399        | .16  | 486        | .16  | 535        | .17  | 667        | .19  |
| Machinery Excluding Electrical        | 253        | .10  | 439        | .15  | 426        | .14  | 391        | .11  |
| Farm Machinery & Equipment            | 58         | .02  | 125        | .04  | 118        | .04  | 100        | .03  |
| Misc. Machinery                       | 195        | .08  | 314        | .11  | 308        | .10  | 291        | .08  |
| Electrical Machinery, Equip., Supp.   | 38         | .01  | 130        | .04  | 154        | .05  | 217        | .06  |
| Transportation Equipment              | 191        | .07  | 540        | .18  | 563        | .18  | 625        | .18  |
| Motor Vehicles & Equipment            | 26         | .01  | 37         | .01  | 40         | .01  | 47         | .01  |
| Aircraft & Parts                      | 32         | .01  | 6          | .00  | 7          | .00  | 9          | .00  |
| Ship & Boat Building                  | 31         | .01  | 41         | .01  | 46         | .01  | 59         | .02  |
| Mobile Dwelling & Other Trans. Equip. | 102        | .04  | 456        | .16  | 470        | .16  | 510        | .16  |
| Instruments & Allied Products         | 35         | .01  | 60         | .02  | 58         | .02  | 53         | .02  |
| Misc. Manufacturing                   | 238        | .09  | 384        | .13  | 389        | .13  | 403        | .12  |
| NONDURABLE GOODS MANUFACTURING        | 8,935      | 3.51 | 8,957      | 2.99 | 9,030      | 2.90 | 9,225      | 2.69 |
| Food & Kindred Products               | 4,315      | 1.70 | 4,086      | 1.36 | 4,171      | 1.34 | 4,396      | 1.29 |
| Meat Products                         | 812        | .32  | 939        | .31  | 1,023      | .33  | 1,246      | .36  |
| Dairy Products                        | 819        | .32  | 705        | .24  | 732        | .24  | 804        | .23  |
| Canning, Preserving, Freezing         | 61         | .02  | 56         | .02  | 75         | .02  | 127        | .04  |
| Grain Mill Products                   | 794        | .31  | 719        | .24  | 685        | .22  | 594        | .17  |

| INDUSTRY                          | PROJECTED  |      |            | PROJECTED |            |      |
|-----------------------------------|------------|------|------------|-----------|------------|------|
|                                   | 1970       |      |            | 1977      |            |      |
|                                   | EMPLOYMENT | PCT. | EMPLOYMENT | PCT.      | EMPLOYMENT | PCT. |
| Bakery Products                   | 634        | .25  | 589        | .20       | 544        | .17  |
| Beverage Industries               | 355        | .14  | 420        | .14       | 413        | .13  |
| Other Food Products               | 840        | .33  | 658        | .22       | 699        | .22  |
| Tobacco Manufacturing             | 0          | .00  | 0          | .00       | 0          | .00  |
| Textile Mill Products             | 91         | .04  | 32         | .01       | 57         | .02  |
| Apparel & Related Products        | 106        | .04  | 150        | .05       | 155        | .05  |
| Paper & Allied Products           | 484        | .19  | 531        | .18       | 559        | .18  |
| Pulp, Paper, Pprbrd. Mills        | 453        | .18  | 531        | .18       | 552        | .18  |
| Pprbrd. Containers, Boxes         | 31         | .01  | 0          | .00       | 7          | .00  |
| Printing, Pblshng., Allied Prod.  | 2,265      | .39  | 2,337      | .78       | 2,304      | .74  |
| Newspaper Publishing, Printing    | 1,900      | .75  | 1,651      | .55       | 1,584      | .51  |
| Print, Publish, Excluding News    | 365        | .14  | 686        | .23       | 721        | .23  |
| Chemicals, Allied Products        | 404        | .16  | 549        | .18       | 525        | .17  |
| Industrial Chemicals              | 187        | .07  | 388        | .13       | 354        | .11  |
| Drugs & Medicine                  | 40         | .02  | 8          | .00       | 9          | .00  |
| Paints, Varnish, Related Products | 25         | .01  | 64         | .02       | 70         | .02  |
| Agricultural Chemicals            | 49         | .02  | 76         | .03       | 78         | .02  |
| Other Chemicals                   | 103        | .04  | 13         | .00       | 14         | .00  |
| Petroleum Refining, Related Ind.  | 1,080      | .42  | 1,098      | .37       | 1,054      | .34  |
| Petroleum Refining                | 1,061      | .42  | 1,098      | .37       | 1,054      | .34  |
| Other Petroleum & Coal Products   | 19         | .00  | 0          | .00       | 0          | .00  |
| Rubber, Misc. Plastic Products    | 152        | .06  | 140        | .05       | 160        | .05  |
| Rubber Products                   | 94         | .04  | 0          | .00       | 0          | .00  |
| Misc. Plastic Products            | 58         | .02  | 140        | .05       | 160        | .05  |



| INDUSTRY                           | 1970       |       |      | 1974       |       |      | PROJECTED  |       | PROJECTED  |       |
|------------------------------------|------------|-------|------|------------|-------|------|------------|-------|------------|-------|
|                                    | EMPLOYMENT | PCT.  | 1970 | EMPLOYMENT | PCT.  | 1974 | 1977       |       | 1985       |       |
|                                    |            |       |      |            |       |      | EMPLOYMENT | PCT.  | EMPLOYMENT | PCT.  |
| Leather Products                   | 38         | .01   |      | 34         | .01   |      | 45         | .01   | 74         | .02   |
| TRANS., COMMUN., PUB., UTILS.      |            |       |      |            |       |      |            |       |            |       |
| Transportation, Total              | 18,549     | 7.28  |      | 20,972     | 7.00  |      | 21,178     | 6.81  | 21,728     | 6.35  |
| Railroad Transportation            | 11,680     | 4.58  |      | 13,232     | 4.42  |      | 13,015     | 4.19  | 12,435     | 3.64  |
| Local & Interurban Trans.          | 6,499      | 2.55  |      | 6,315      | 2.10  |      | 5,958      | 1.91  | 5,007      | 1.47  |
| Street Railways, Buslines          | 823        | .32   |      | 957        | .32   |      | 1,043      | .34   | 1,272      | .37   |
| Taxis                              | 671        | .26   |      | 699        | .23   |      | 785        | .26   | 1,016      | .30   |
| Motor Freight Trans. & Storage     | 152        | .06   |      | 258        | .09   |      | 257        | .08   | 256        | .07   |
| Trucking                           | 3,577      | 1.40  |      | 4,959      | 1.66  |      | 5,027      | 1.62  | 5,207      | 1.52  |
| Warehousing                        | 3,221      | 1.26  |      | 4,834      | 1.62  |      | 4,918      | 1.59  | 5,143      | 1.50  |
| Water Transportation               | 356        | .14   |      | 125        | .04   |      | 108        | .03   | 64         | .02   |
| Transportation by Air              | 17         | .01   |      | 23         | .01   |      | 26         | .01   | 33         | .01   |
| Pipelines                          | 495        | .19   |      | 646        | .22   |      | 646        | .21   | 646        | .19   |
| Transportation Services            | 128        | .05   |      | 116        | .04   |      | 106        | .03   | 79         | .02   |
|                                    | 141        | .06   |      | 216        | .07   |      | 209        | .07   | 191        | .06   |
| Communications & Pub., Utilities   |            |       |      |            |       |      |            |       |            |       |
| Communication                      | 6,869      | 2.70  |      | 7,740      | 2.58  |      | 8,164      | 2.62  | 9,293      | 2.71  |
| Telephone                          | 3,279      | 1.29  |      | 3,871      | 1.29  |      | 3,890      | 1.25  | 3,939      | 1.15  |
| Telegraph                          | 2,407      | .95   |      | 2,842      | .95   |      | 2,828      | .91   | 2,792      | .82   |
| Radio & TV                         | 215        | .08   |      | 177        | .06   |      | 188        | .06   | 216        | .06   |
| Electric, Gas, Sanitary Service    | 657        | .26   |      | 852        | .28   |      | 874        | .28   | 931        | .27   |
| Electric, Gas Steam                | 3,590      | 1.41  |      | 3,869      | 1.29  |      | 4,274      | 1.37  | 5,354      | 1.56  |
| Water & Irrigation                 | 1,922      | .75   |      | 2,740      | .92   |      | 3,002      | .96   | 3,703      | 1.08  |
| Sanitary Service, Other Util.      | 679        | .27   |      | 453        | .15   |      | 510        | .16   | 663        | .19   |
|                                    | 989        | .39   |      | 676        | .22   |      | 762        | .25   | 988        | .29   |
| WHOLESALE & RETAIL TRADE           |            |       |      |            |       |      |            |       |            |       |
| Wholesale Trade                    | 57,083     | 22.41 |      | 68,990     | 23.03 |      | 71,499     | 22.98 | 78,189     | 22.84 |
| Motor Vehicles & Equipment         | 10,367     | 4.07  |      | 12,472     | 4.16  |      | 13,047     | 4.19  | 14,581     | 4.26  |
| Drugs & Chemicals                  | 1,066      | .42   |      | 1,537      | .51   |      | 1,797      | .58   | 2,489      | .73   |
| Dry Goods & Apparel                | 355        | .14   |      | 561        | .19   |      | 614        | .20   | 754        | .22   |
| Groceries & Related                | 67         | .03   |      | 59         | .02   |      | 64         | .02   | 78         | .02   |
| Elec. Goods, Plumbing & Htng. Sup. | 1,811      | .71   |      | 1,628      | .54   |      | 1,592      | .51   | 1,496      | .44   |
| Machinery & Equipment              | 826        | .33   |      | 1,202      | .40   |      | 1,331      | .43   | 1,673      | .49   |
| Farm Products, Raw Material        | 1,575      | .62   |      | 2,688      | .90   |      | 2,793      | .90   | 3,072      | .90   |
| Misc. Wholesale Trade              | 1,208      | .47   |      | 944        | .32   |      | 866        | .28   | 658        | .19   |
|                                    | 3,459      | 1.35  |      | 3,853      | 1.28  |      | 3,992      | 1.27  | 4,361      | 1.27  |

| INDUSTRY                          | 1970       |       |  | 1974       |       |  | PROJECTED  |       |            |       |
|-----------------------------------|------------|-------|--|------------|-------|--|------------|-------|------------|-------|
|                                   | EMPLOYMENT | PCT.  |  | EMPLOYMENT | PCT.  |  | 1977       |       | 1985       |       |
|                                   |            |       |  |            |       |  | EMPLOYMENT | PCT.  | EMPLOYMENT | PCT.  |
| Retail Trade                      | 46,716     | 18.34 |  | 56,518     | 18.87 |  | 58,452     | 18.79 | 63,608     | 18.58 |
| Bldg. Mat., Hardware, Farm Equip. | 3,365      | 1.32  |  | 4,454      | 1.49  |  | 4,610      | 1.48  | 5,026      | 1.47  |
| General Merchandise               | 6,947      | 2.73  |  | 7,785      | 2.60  |  | 8,185      | 2.63  | 9,253      | 2.70  |
| Limited Price Stores              | 888        | .35   |  | 943        | .31   |  | 944        | .30   | 946        | .28   |
| Other General Merchandise         | 6,059      | 2.38  |  | 6,842      | 2.29  |  | 7,241      | 2.33  | 8,307      | 2.42  |
| Food & Dairy Stores               | 6,504      | 2.55  |  | 7,609      | 2.54  |  | 7,712      | 2.48  | 7,986      | 2.33  |
| Auto Dealers & Gas Stations       | 9,149      | 3.59  |  | 9,993      | 3.34  |  | 10,408     | 3.34  | 11,516     | 3.36  |
| Auto Dealers                      | 3,245      | 1.27  |  | 4,223      | 1.41  |  | 4,241      | 1.36  | 4,289      | 1.25  |
| Gas Stations                      | 5,904      | 2.32  |  | 5,770      | 1.93  |  | 6,167      | 1.98  | 7,227      | 2.11  |
| Apparel & Accessories             | 1,831      | .72   |  | 2,247      | .75   |  | 2,280      | .73   | 2,369      | .69   |
| Furniture, etc.                   | 1,679      | .67   |  | 2,022      | .68   |  | 2,028      | .65   | 2,043      | .60   |
| Eating & Drinking Places          | 12,255     | 4.81  |  | 16,288     | 5.43  |  | 17,008     | 5.48  | 18,928     | 5.53  |
| Misc. Retail Stores               | 4,968      | 1.95  |  | 6,120      | 2.04  |  | 6,220      | 2.00  | 6,487      | 1.90  |
| Drug Stores                       | 893        | .35   |  | 1,767      | .59   |  | 1,853      | .60   | 2,081      | .61   |
| Other Retail Stores               | 4,075      | 1.60  |  | 4,353      | 1.45  |  | 4,367      | 1.40  | 4,406      | 1.29  |
| FINANCE, INSURANCE REAL ESTATE    |            |       |  |            |       |  |            |       |            |       |
| Finance                           | 9,318      | 3.66  |  | 11,544     | 3.85  |  | 11,894     | 3.82  | 12,828     | 3.75  |
| Bank & Credit Agencies            | 4,482      | 1.76  |  | 5,626      | 1.87  |  | 6,032      | 1.94  | 7,115      | 2.08  |
| Stock Brokers & Invest. Co.       | 4,140      | 1.63  |  | 5,166      | 1.72  |  | 5,555      | 1.79  | 6,592      | 1.93  |
| Insurance                         | 342        | .13   |  | 460        | .15   |  | 477        | .15   | 523        | .15   |
| Real Estate                       | 2,775      | 1.09  |  | 3,205      | 1.07  |  | 3,202      | 1.03  | 3,195      | .93   |
|                                   | 2,061      | .81   |  | 2,713      | .91   |  | 2,660      | .85   | 2,518      | .74   |
| SERVICES                          |            |       |  |            |       |  |            |       |            |       |
| Private Household                 | 71,783     | 28.18 |  | 85,595     | 28.58 |  | 91,567     | 29.42 | 107,492    | 31.40 |
| Services, Exc. Private Hshlds.    | 4,916      | 1.93  |  | 3,934      | 1.31  |  | 4,035      | 1.30  | 4,306      | 1.26  |
| Hotels, Other Lodging Places      | 66,867     | 26.25 |  | 81,661     | 27.27 |  | 87,532     | 28.12 | 103,186    | 30.14 |
| Personal Services                 | 6,207      | 2.44  |  | 8,127      | 2.71  |  | 8,165      | 2.62  | 8,266      | 2.41  |
| Laundry, Cleaning, Valet          | 4,158      | 1.63  |  | 4,638      | 1.55  |  | 4,769      | 1.53  | 5,117      | 1.49  |
| All other Personal Services       | 1,131      | .44   |  | 1,482      | .49   |  | 1,414      | .45   | 1,233      | .36   |
| Misc. Business Services           | 3,027      | 1.19  |  | 3,156      | 1.06  |  | 3,355      | 1.08  | 3,884      | 1.13  |
| Advertising                       | 2,231      | .88   |  | 3,633      | 1.21  |  | 4,146      | 1.33  | 5,515      | 1.61  |
| Other Misc. Business Services     | 134        | .05   |  | 158        | .05   |  | 163        | .05   | 177        | .05   |
| Auto Repair Services, Garage      | 2,097      | .83   |  | 3,475      | 1.16  |  | 3,983      | 1.28  | 5,338      | 1.56  |
| Misc. Repair Services             | 1,720      | .68   |  | 8,304      | 2.77  |  | 8,437      | 2.71  | 8,790      | 2.57  |
|                                   | 1,351      | .53   |  | 1,403      | .47   |  | 1,506      | .48   | 1,780      | .52   |

| INDUSTRY                            | 1970       |      | 1974       |      | 1977       |      | 1985       |      |
|-------------------------------------|------------|------|------------|------|------------|------|------------|------|
|                                     | EMPLOYMENT | PCT. | EMPLOYMENT | PCT. | EMPLOYMENT | PCT. | EMPLOYMENT | PCT. |
| Entertainment & Recreation          | 1,748      | .69  | 2,119      | .71  | 2,188      | .70  | 2,370      | .69  |
| Motion Pictures & Theaters          | 759        | .30  | 736        | .25  | 753        | .24  | 797        | .23  |
| Misc. Entertainment & Recreation    | 989        | .39  | 1,383      | .46  | 1,435      | .46  | 1,573      | .46  |
| Medical & Other Health Services     | 16,608     | 6.52 | 19,335     | 6.46 | 21,648     | 6.97 | 27,817     | 8.13 |
| Hospitals                           | 10,428     | 4.09 | 11,692     | 3.90 | 12,896     | 4.15 | 16,106     | 4.71 |
| Other Medical & Health Services     | 6,180      | 2.43 | 7,643      | 2.56 | 8,752      | 2.82 | 11,711     | 3.42 |
| Legal Services                      | 1,052      | .41  | 1,290      | .43  | 1,411      | .45  | 1,734      | .51  |
| Educational Services                | 24,337     | 9.54 | 24,777     | 8.28 | 26,745     | 8.60 | 31,993     | 9.35 |
| Nonprofit Membership Organ.         | 5,364      | 2.11 | 5,307      | 1.77 | 5,663      | 1.82 | 6,614      | 1.93 |
| Welfare & Religious                 | 3,436      | 1.35 | 3,462      | 1.15 | 1,657      | 1.19 | 1,895      | 1.21 |
| Other Nonprofit                     | 1,928      | .76  | 1,845      | .62  | 4,006      | .63  | 4,719      | .72  |
| Misc. Services                      | 2,091      | .82  | 2,728      | .91  | 2,854      | .91  | 3,190      | .93  |
| Engineering & Architecture          | 532        | .21  | 1,057      | .35  | 1,155      | .37  | 1,418      | .42  |
| Accounting & Bookkeeping            | 1,024      | .40  | 1,355      | .46  | 1,363      | .44  | 1,383      | .40  |
| All Other Professional Services     | 535        | .21  | 316        | .10  | 336        | .10  | 389        | .11  |
| PUBLIC ADMINISTRATION               | 14,223     | 5.58 | 16,406     | 5.48 | 17,905     | 5.75 | 21,901     | 6.40 |
| Postal Services                     | 1,699      | .67  | 2,378      | .79  | 2,410      | .77  | 2,496      | .73  |
| Other Federal Public Administration | 5,040      | 1.97 | 5,866      | 1.97 | 6,544      | 2.10 | 8,353      | 2.44 |
| State Government                    | 2,849      | 1.12 | 3,367      | 1.12 | 3,444      | 1.11 | 3,650      | 1.07 |
| Local Government                    | 4,635      | 1.82 | 4,795      | 1.60 | 5,506      | 1.77 | 7,402      | 2.16 |



## EMPLOYMENT BY OCCUPATION



## II EMPLOYMENT BY OCCUPATION 1985

As Montana's industries continue to grow, changes in the occupational structure will also take place. During 1974, white-collar workers - professional, technical, managers, officials, proprietors, clerical, and salesworkers - outnumbered blue collar workers - craftsmen, foremen, operatives, and laborers - by 42,000 jobs. This gap is expected to increase to nearly 60,000 workers by 1985. The major reason for this increase is that as more growth continues, jobs become more complex and specialized because of technology and the creation of more occupations. Service workers is the major occupational group expected to have the most workers by 1985. Farm workers is the only major occupational group expected to decrease by 1985. The other major occupational groups are expected to provide good job opportunities during the period 1974-1985.

### Professional, Technical, and Kindred Workers

Highly trained personnel and college graduates comprise the majority of workers in this occupational group. Although ranked the fourth largest occupational group in 1974, expectations for a third place tie with the craftsmen, foremen, and kindred workers may be a reality by 1985. Occupations in this group include technical engineers, life and physical scientists, mathematical specialists, science technicians, computer specialists, social scientists, teachers, writers, artists, entertainers, and other professional and technical occupations not elsewhere included.

Average annual job openings in this occupational group should number 2,400 openings during the 1974 to 1985 period. Industry expansion will create 800 of these openings with the balance coming from replacement needs. The largest number of openings per year is expected to be from the registered nurses and

elementary school teachers occupational titles. Minimal growth is expected from metallurgical engineers, physicists and astronomers, embalmers, and flight engineers. Keen competition is expected for most all entry level positions.

#### Managers, Officials, and Proprietors

As businesses and government continue to grow in Montana, emphasis will be placed on the recruiting of skilled and trained managers in the same proportion as during 1974. An estimated 5,000 worker increase during the 1974 to 1985 period is expected, with average annual job openings to number approximately 1,800. Industry expansion will account for one-fourth of the openings per year with the balance being replacement needs. Occupational titles in this group include buyers, sales, and loan managers; administrators and public inspectors; and managers, officials, and proprietors. Bank financial managers, public officials, administrators and office managers are the identifiable occupations that should experience the largest number of job openings per year. All other occupations in this group should experience moderate growth for job opportunities.

#### Sales Workers

Workers engaged in this occupational group are expected to increase proportionately with businesses as demand from a growing population increases. Sales workers comprise only 5.5% of all occupations, but the number of average annual job openings is expected to be 900 with 200 of these openings resulting from industry expansion and the balance from replacement needs. Sales workers are primarily employed in retail, wholesale, manufacturing, real estate, and insurance industries. Job opportunities should be good in all occupations except auctioneers and newsboys.

#### Clerical Workers

Clerical workers is expected to be Montana's second largest occupational group



by 1985, surpassing craftsmen, foremen, and kindred workers. Occupations in this group provide Montana's businesses and government with skills from secretaries, stenographers, typists, office machine operators, and other clerical workers. Average annual job openings is estimated to be 3,300 workers with 900 workers resulting from industry expansion and 2,400 workers as replacements. Total employment in this group should exceed 49,000 workers with excellent annual opportunities in the secretaries, typists and bookkeepers occupations.

#### Craftsmen, Foremen, and Kindred Workers

Montana's labor pool of construction workers, metalworkers, printers, transportation and public utilities crafts along with other crafts and foremen should provide approximately 1,300 jobs each year during the 1974 to 1985 period. Industry expansion is expected to contribute 400 of these openings annually with the remaining workers to be replacements for current workers. Technology is the major contributor of reducing this group's employment possibilities. Carpenters, excavating and grading machine operators, and auto mechanics along with their respective apprentices will be the leaders in providing annual job opportunities for this group.

#### Operatives

Workers in this occupational group typically work in manufacturing plants, drive trucks and buses, and operate equipment. Total employment in this group accounted for 32,000 jobs in 1974 and with an anticipated increase of 3,000 workers by 1985 will number 35,000 workers. Annual job opportunities are expected to reach 1,000 openings with 300 workers being added by industry expansion and 700 workers being replacements. Technology should reduce employment opportunities in the semi-skilled occupations. The only occupation from this group exceeding 100 openings per year is truck drivers. Minimal growth can be expected in many of this group's occupations.

### Service Workers

Service workers, the largest occupational category, totaled 43,000 workers in 1974 and is expected to increase to nearly 54,000 workers by 1985. Places of employment for this occupational group can be found in all industries. The demand for more personal, health, protective food, and cleaning services provides the stimulus for continued occupational gains. At least a dozen of the occupations in this group can expect excellent job opportunities during the 1974 to 1985 period. Some occupations will show minimal growth, but most will provide 3,800 workers employment with 1,000 openings from industry expansion.

### Laborers

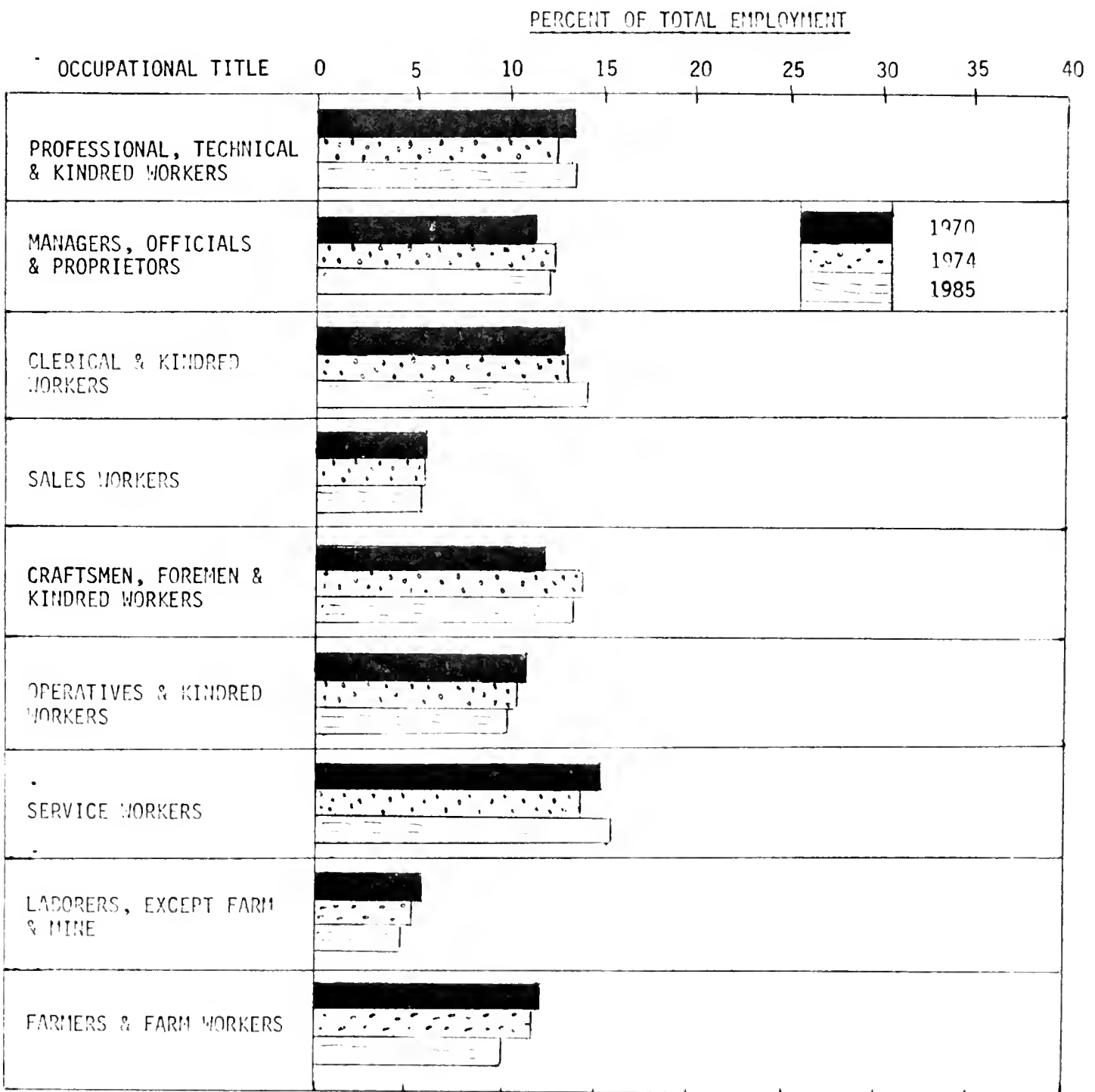
Laborers remain Montana's smallest occupational group - representing about five percent of total employment. This group is expected to increase only 400 workers during the 1974 to 1985 period for total employment of 16,200 workers. Replacement needs will contribute the most to average annual job openings. A strong back is usually a prerequisite for entry into this occupational group.

### Farmers and Farm Workers

This is the only occupational group to decrease in number during the 1974 to 1985 period. However, while total employment is decreasing, annual job opportunities should average about 1,000 openings. Replacement needs will require approximately 1,200 openings per year, but this is offset by the agricultural industry losing 200 openings per year. Owners and tenants will require 600 openings per year, (700 for replacement needs and a loss of 100 for industry expansion). The largest loss to industry expansion is in the farm laborers (wage workers) occupation. Replacement needs will be required in most occupations.

GRAPH II.1

BROAD OCCUPATIONAL GROUPS AS A PERCENT OF TOTAL EMPLOYMENT  
IN MONTANA 1970, 1974, AND PROJECTED 1985



# GRAPH II.2

TOTAL JOB OPPORTUNITIES FROM 1974 - 1985:

EXPANSION PLUS REPLACEMENT

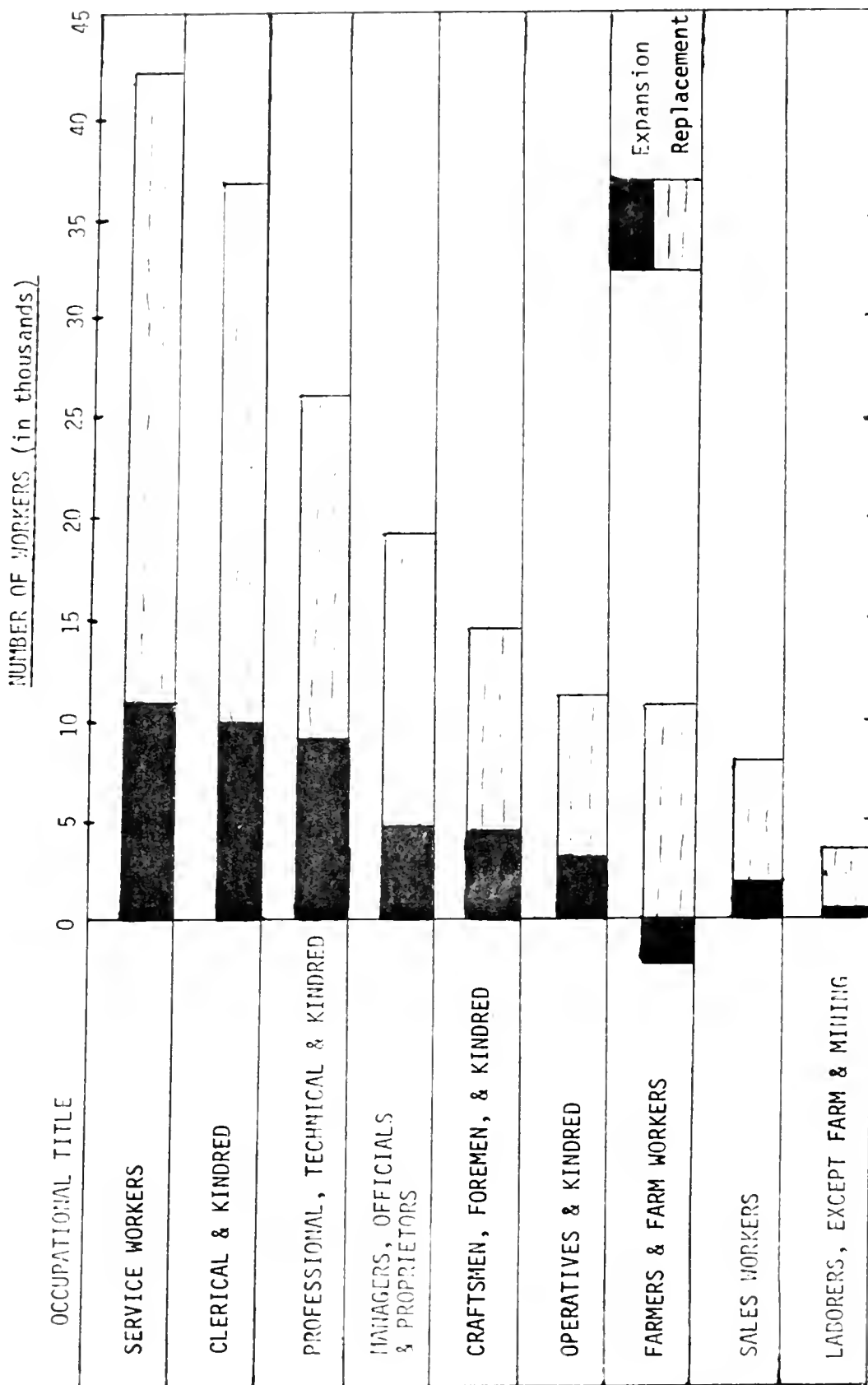


TABLE II.1

DISTRIBUTION OF MONTANA TOTAL EMPLOYMENT  
BY MAJOR OCCUPATION DIVISIONS:  
1970, 1974, AND PROJECTED, 1985

| <u>Occupation, All Divisions</u> | <u>1970</u> | <u>%</u> | <u>1974</u> | <u>%</u> | <u>1985</u> | <u>%</u> |
|----------------------------------|-------------|----------|-------------|----------|-------------|----------|
| Total, All Occupations           | 254,690     | 100.00   | 299,424     | 100.00   | 342,335     | 100.00   |
| Professional, Technical, Kindred | 34,421      | 13.52    | 37,896      | 12.66    | 47,042      | 13.74    |
| Managers, Officials, Proprietors | 29,246      | 11.48    | 37,716      | 12.60    | 42,675      | 12.47    |
| Clerical & Kindred               | 33,168      | 13.02    | 39,738      | 13.27    | 49,531      | 14.47    |
| Sales Workers                    | 14,350      | 5.63     | 16,780      | 5.60     | 18,766      | 5.48     |
| Crafts & Kindred Workers         | 30,976      | 12.16    | 42,417      | 14.17    | 47,108      | 13.76    |
| Operatives & Kindred             | 28,569      | 11.22    | 31,651      | 10.57    | 35,066      | 10.24    |
| Service Workers                  | 38,567      | 15.15    | 42,856      | 14.31    | 53,658      | 15.68    |
| Laborers, Except Farm & Mine     | 14,861      | 5.83     | 15,791      | 5.27     | 16,196      | 4.73     |
| Farmers & Farm Workers           | 30,532      | 11.99    | 34,579      | 11.55    | 32,293      | 9.43     |



MONTANA EMPLOYMENT 1974-1985 BY OCCUPATION

AND

ANNUAL JOB OPPORTUNITIES 1974 THROUGH 1985

TABLE II.2

MONTANA EMPLOYMENT 1974-1985 BY OCCUPATION  
and  
ANNUAL JOB OPPORTUNITIES 1974 THROUGH 1985

| Occupation  | AVERAGE EMPLOYMENT  |   | ANNUAL JOB OPPORTUNITIES, 1974-1985                    |   |  |  |
|---|---|---|--|---|--|--|
|   | 1974  | 1985  | Industry Expansion                                     | Replacement Needs                                     | Average Annual Openings                                |  |
| TOTAL, ALL OCCUPATIONS  | 299,424   | 342,335   | 3,900  | 11,956  | 15,856   |  |
| Professional, Technical & Kindred Workers   | 37,896  | 47,042  | 831  | 1,525   | 2,356  |  |
| Engineers, Technical Engineers, Chemical Engineers, Civil Engineers, Electrical Engineers, Industrial Engineers, Mechanical Engineers, Metallurgical Engineers, Mining Engineers, Petroleum Engineers, Sales Engineers, Other | 2,118<br>59<br>867<br>455<br>123<br>129<br>31<br>104<br>41<br>47<br>262 | 2,673<br>77<br>1,073<br>590<br>157<br>170<br>33<br>101<br>66<br>72<br>334 | 50<br>2<br>18<br>12<br>3<br>4<br>0<br>0<br>2<br>2<br>7 | 31<br>1<br>14<br>6<br>2<br>2<br>0<br>2<br>1<br>1<br>2 | 81<br>3<br>32<br>18<br>5<br>6<br>0<br>2<br>3<br>3<br>9 |  |
| Life and Physical Scientists  | 939   | 1,189   | 23   | 18  | 41   |  |
| Agricultural Scientists   | 208   | 289   | 7  | 4   | 11   |  |
| Atmospheric, Space Scientists   | 111   | 145   | 3  | 2   | 5  |  |
| Biological Scientists   | 147   | 149   | 0  | 2   | 2  |  |
| Chemists  | 166   | 195   | 3  | 5   | 8  |  |
| Geologists  | 283   | 381   | 9  | 5   | 14   |  |
| Marine Scientists   | 14  | 20  | 1  | 0   | 1  |  |
| Physicists & Astronomers  | 10  | 10  | 0  | 0   | 0  |  |
| Mathematical Specialists  | 54  | 84  | 3  | 3   | 6  |  |
| Mathematicians  | 8   | 17  | 1  | 1   | 2  |  |
| Statisticians   | 46  | 67  | 2  | 2   | 4  |  |



# ANNUAL JOB OPPORTUNITIES, 1974-1985

## AVERAGE EMPLOYMENT

| Occupation                         | 1974  | 1985  | Replace- |       |       |
|------------------------------------|-------|-------|----------|-------|-------|
|                                    |       |       | ment     | ment  | ment  |
|                                    |       |       | Needs    | Needs | Needs |
| Engineers, Science Technicians     | 2,734 | 3,776 | 51       | 51    | 146   |
| Agri.,Biolog. Tech. exc. Health    | 192   | 328   | 5        | 5     | 17    |
| Chemical Technicians               | 262   | 336   | 4        | 4     | 11    |
| Drafters                           | 592   | 811   | 10       | 10    | 30    |
| Electrical, Electronic Tech.       | 254   | 385   | 2        | 2     | 14    |
| Industrial Engineering Tech.       | 9     | 18    | 0        | 0     | 1     |
| Surveyors                          | 776   | 1,022 | 8        | 8     | 30    |
| Engineering, Science Tech., N.E.C. | 649   | 876   | 22       | 22    | 43    |
| Medical Workers, exc. Tech.        | 5,287 | 7,331 | 295      | 295   | 481   |
| Chiropractors                      | 44    | 51    | 2        | 2     | 3     |
| Dentists                           | 416   | 586   | 18       | 18    | 33    |
| Dietitians                         | 132   | 221   | 9        | 9     | 17    |
| Optometrists                       | 89    | 168   | 2        | 2     | 9     |
| Pharmacists                        | 525   | 636   | 18       | 18    | 28    |
| Physicians, M.D. Osteopaths        | 856   | 1,157 | 38       | 38    | 65    |
| Podiatrists                        | 34    | 52    | 2        | 2     | 4     |
| Registered Nurses                  | 2,616 | 3,406 | 168      | 168   | 240   |
| Therapists                         | 406   | 791   | 37       | 37    | 72    |
| Veterinarians                      | 169   | 263   | 1        | 1     | 10    |
| Health Technologists & Technicians | 1,167 | 1,651 | 72       | 72    | 116   |
| Clinical Lab. Technol., Tech.      | 546   | 716   | 32       | 32    | 47    |
| Dental Hygienists                  | 21    | 52    | 1        | 1     | 4     |
| Health Record Technol., Tech.      | 25    | 50    | 4        | 4     | 6     |
| Radiologic Technol., Tech.         | 311   | 399   | 23       | 23    | 31    |
| Therapy Assistants                 | 16    | 25    | 0        | 0     | 1     |
| Other Health Technol., Tech.       | 248   | 409   | 12       | 12    | 27    |
| Technicians, exc. Health           | 834   | 1,198 | 22       | 22    | 55    |
| Airplane Pilots                    | 230   | 235   | 2        | 2     | 2     |
| Air traffic Controllers            | 189   | 290   | 3        | 3     | 12    |
| Embalmers                          | 8     | 9     | 0        | 0     | 0     |

ANNUAL JOB OPPORTUNITIES, 1974-1985

AVERAGE EMPLOYMENT

| Occupation                            | 1974   | 1985   | ANNUAL JOB OPPORTUNITIES, 1974-1985 |                           |                               |
|---------------------------------------|--------|--------|-------------------------------------|---------------------------|-------------------------------|
|                                       |        |        | Industry<br>Expansion               | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
| Flight Engineers                      | 3      | 0      | 0                                   | 0                         | 0                             |
| Radio Operators                       | 176    | 253    | 7                                   | 11                        | 18                            |
| Other Technicians, exc. Health        | 228    | 411    | 17                                  | 6                         | 23                            |
| Computer Specialists                  | 280    | 393    | 10                                  | 3                         | 13                            |
| Computer Programmers                  | 208    | 303    | 9                                   | 3                         | 12                            |
| Computer Systems Analysts             | 52     | 56     | 0                                   | 0                         | 0                             |
| Other Computer Specialists            | 20     | 34     | 1                                   | 0                         | 1                             |
| Social Scientists                     | 309    | 445    | 12                                  | 9                         | 21                            |
| Economists                            | 153    | 254    | 8                                   | 5                         | 13                            |
| Psychologists                         | 112    | 118    | 1                                   | 4                         | 5                             |
| Urban & Regional Planners             | 44     | 73     | 3                                   | 0                         | 3                             |
| Teachers                              | 12,484 | 13,405 | 84                                  | 602                       | 686                           |
| Adult Education Teachers              | 234    | 335    | 9                                   | 11                        | 20                            |
| College and University Teachers       | 1,420  | 1,167  | -23                                 | 35                        | 12                            |
| Elementary School Teachers            | 5,519  | 6,354  | 76                                  | 333                       | 409                           |
| Preschool, Kindergarten Teachers      | 468    | 755    | 26                                  | 31                        | 57                            |
| Secondary School Teachers             | 4,139  | 3,775  | -33                                 | 141                       | 108                           |
| Teachers N.E.C. exc. Coll.,Univer     | 704    | 1,019  | 29                                  | 51                        | 80                            |
| Writers, Artists, Entertainers        | 2,399  | 3,071  | 61                                  | 84                        | 145                           |
| Actors                                | 13     | 25     | 1                                   | 0                         | 1                             |
| Athletes & Kindred Workers            | 251    | 403    | 14                                  | 10                        | 24                            |
| Authors                               | 15     | 29     | 1                                   | 1                         | 2                             |
| Designers                             | 146    | 168    | 2                                   | 7                         | 9                             |
| Editors & Reporters                   | 308    | 365    | 5                                   | 14                        | 19                            |
| Musicians & Composers                 | 566    | 723    | 14                                  | 20                        | 34                            |
| Painters & Sculptors                  | 221    | 284    | 6                                   | 9                         | 15                            |
| Photographers                         | 296    | 317    | 2                                   | 6                         | 8                             |
| Public Relations Specialists, Writers | 265    | 338    | 7                                   | 10                        | 17                            |
| Radio, TV Announcers                  | 203    | 203    | 0                                   | 1                         | 1                             |
| Writers, Artists, Entertain.,N.E.C.   | 115    | 216    | 9                                   | 6                         | 15                            |

ANNUAL JOB OPPORTUNITIES, 1974-1981

AVERAGE EMPLOYMENT

| Occupation                           | 1974   | 1985   | Industry<br>Expansion | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
|--------------------------------------|--------|--------|-----------------------|---------------------------|-------------------------------|
| Other Professional, Technical        |        |        |                       |                           |                               |
| Accountants                          | 9,291  | 11,826 | 230                   | 335                       | 565                           |
| Architects                           | 2,373  | 2,632  | 24                    | 81                        | 105                           |
| Archivists & Curators                | 220    | 291    | 6                     | 3                         | 9                             |
| Clergy                               | 21     | 24     | 0                     | 1                         | 1                             |
| Religious, exc. Clergy               | 971    | 1,320  | 32                    | 34                        | 66                            |
| Farm Management Advisors             | 199    | 269    | 6                     | 12                        | 18                            |
| Foresters, Conservationists          | 74     | 37     | -3                    | 2                         | -1                            |
| Home Management Advisors             | 1,334  | 1,869  | 49                    | 17                        | 66                            |
| Judges                               | 22     | 22     | 0                     | 1                         | 1                             |
| Lawyers                              | 110    | 96     | -1                    | 7                         | 6                             |
| Librarians                           | 1,004  | 1,454  | 41                    | 33                        | 74                            |
| Operations, Systems Research         | 691    | 804    | 10                    | 55                        | 65                            |
| Personnel Labor Relations            | 7      | 9      | 0                     | 0                         | 0                             |
| Research Workers, N.E.C.             | 559    | 648    | 8                     | 14                        | 22                            |
| Recreation Workers                   | 271    | 423    | 14                    | 14                        | 28                            |
| Social Workers                       | 274    | 398    | 11                    | 12                        | 23                            |
| Vocational, Ed. Counselors           | 765    | 888    | 11                    | 37                        | 48                            |
|                                      | 396    | 642    | 22                    | 12                        | 34                            |
| MANAGERS, OFFICIALS, PROPRIETORS     | 37,716 | 42,675 | 451                   | 1,312                     | 1,763                         |
| Buyers, Sales, Loan Managers         |        |        |                       |                           |                               |
| Bank, Financial Managers             | 4,734  | 6,272  | 140                   | 136                       | 276                           |
| Credit Managers                      | 1,897  | 2,646  | 67                    | 51                        | 118                           |
| Buyers, Shippers, Farm Prod.         | 152    | 213    | 6                     | 7                         | 13                            |
| Buyers, Wholesale, Retail            | 188    | 161    | -2                    | 8                         | 6                             |
| Purchasing Agents, Buyers, N.E.C.    | 358    | 488    | 12                    | 14                        | 26                            |
| Sales Manager, Retail Trade          | 339    | 532    | 18                    | 16                        | 34                            |
| Sales Manager, exc. Retail Trade     | 1,171  | 1,456  | 26                    | 31                        | 57                            |
|                                      | 629    | 776    | 13                    | 9                         | 22                            |
| Administrators, Pub. Inspectors      |        |        |                       |                           |                               |
| Assess. & Control., Loc. Pub. Admin. | 4,574  | 6,016  | 131                   | 206                       | 337                           |
| Construction Inspector, Pub.         | 404    | 516    | 10                    | 33                        | 43                            |
| Health Administrators                | 37     | 51     | 1                     | 3                         | 4                             |
| Inspectors, exc. Construct., Pub.    | 601    | 927    | 30                    | 28                        | 58                            |
| Officials, Admins., Pub.             | 479    | 684    | 19                    | 20                        | 39                            |
|                                      | 1,537  | 1,985  | 36                    | 70                        | 106                           |

## ANNUAL JOB OPPORTUNITIES, 1974-1985

## AVERAGE EMPLOYMENT

| Occupation                          | 1974   | 1985   | Industry<br>Expansion | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
|-------------------------------------|--------|--------|-----------------------|---------------------------|-------------------------------|
| Postmasters & Mail Supervisors      | 329    | 281    | -4                    | 16                        | 12                            |
| School Admin., College              | 180    | 284    | 9                     | 6                         | 15                            |
| School Admin., Elem., Secondary     | 957    | 1,288  | 30                    | 30                        | 60                            |
| Other Managers, Officials, Props.   | 28,408 | 30,387 | 180                   | 970                       | 1,150                         |
| Funeral Directors                   | 251    | 238    | -1                    | 11                        | 10                            |
| Managers, Superintendents, Building | 333    | 358    | 2                     | 32                        | 34                            |
| Office Managers, N.E.C.             | 1,740  | 2,240  | 45                    | 70                        | 115                           |
| Officials of Lodges, Unions         | 286    | 326    | 4                     | 11                        | 15                            |
| Railroad Conductors                 | 382    | 436    | 5                     | 11                        | 16                            |
| Restaurant, Cafe, Bar Mgrs.         | 2,342  | 2,319  | -2                    | 87                        | 85                            |
| Other Managers, Administrators      | 23,074 | 24,470 | 127                   | 748                       | 875                           |
| SALES WORKERS                       | 16,780 | 18,766 | 181                   | 733                       | 914                           |
| Advertising Agents, Sales Workers   | 222    | 274    | 5                     | 9                         | 14                            |
| Auctioneers                         | 41     | 32     | -1                    | 1                         | 0                             |
| Demonstrators                       | 250    | 321    | 6                     | 12                        | 18                            |
| Hucksters & Peddlers                | 1,352  | 1,632  | 25                    | 76                        | 101                           |
| Insurance Agents, Brokers, etc.     | 1,452  | 1,389  | -6                    | 38                        | 32                            |
| Newspaper Carriers                  | 365    | 263    | -9                    | 6                         | -3                            |
| Real Estate Agents, Brokers         | 940    | 844    | -9                    | 42                        | 33                            |
| Stock & Bond Salesmen               | 202    | 207    | 0                     | 7                         | 7                             |
| Sales and Sales Workers, N.E.C.     | 11,956 | 13,804 | 170                   | 542                       | 712                           |
| CLERICAL WORKERS                    | 39,738 | 49,531 | 890                   | 2,390                     | 3,280                         |
| Stenographers, Typists, Secretaries | 10,123 | 13,875 | 341                   | 797                       | 1,138                         |
| Secretaries, Legal                  | 354    | 570    | 20                    | 23                        | 43                            |
| Secretaries, Medical                | 280    | 415    | 12                    | 23                        | 35                            |
| Secretaries, Other                  | 6,869  | 9,926  | 277                   | 573                       | 850                           |
| Stenographers                       | 704    | 415    | -26                   | 36                        | 10                            |
| Typists                             | 1,916  | 2,549  | 58                    | 142                       | 200                           |

# ANNUAL JOB OPPORTUNITIES, 1974-1985

## AVERAGE EMPLOYMENT

| <u>Occupation</u>                 | <u>1974</u> | <u>1985</u> | <u>Industry<br/>Expansion</u> | <u>Replace-<br/>ment<br/>Needs</u> | <u>Average<br/>Annual<br/>Openings</u> |
|-----------------------------------|-------------|-------------|-------------------------------|------------------------------------|--|
| Office Machine Operators          | 984         | 988         | 0                             | 53                                 | 53                                     |
| Bookkeeping, Billing Operators    | 155         | 180         | 2                             | 13                                 | 15                                     |
| Calculating Machine Operators     | 9           | 11          | 0                             | 1                                  | 1                                      |
| Computer, Peripheral Equipment    | 329         | 415         | 8                             | 11                                 | 19                                     |
| Duplicating Machine Operator      | 34          | 35          | 0                             | 1                                  | 1                                      |
| Keypunch Operators                | 405         | 287         | -11                           | 23                                 | 12                                     |
| Other Office Machine Operators    | 52          | 60          | 1                             | 4                                  | 5                                      |
| Other Clerical Workers            | 28,631      | 34,668      | 549                           | 1,540                              | 2,089                                  |
| Bank Tellers                      | 1,029       | 1,261       | 21                            | 64                                 | 85                                     |
| Billing Clerks                    | 350         | 491         | 13                            | 21                                 | 34                                     |
| Bookkeepers                       | 7,117       | 7,378       | 24                            | 387                                | 411                                    |
| Cashiers                          | 3,052       | 3,281       | 21                            | 163                                | 184                                    |
| Clerical Assist., Social Welfare  | 32          | 58          | 2                             | 1                                  | 3                                      |
| Clerical Supervisors, N.E.C.      | 545         | 742         | 18                            | 18                                 | 36                                     |
| Collectors, Bill & Account        | 185         | 230         | 4                             | 7                                  | 11                                     |
| Counter Clerks exc. Food          | 1,428       | 1,575       | 13                            | 105                                | 118                                    |
| Dispatcher, Starter, Vehicle      | 311         | 365         | 5                             | 9                                  | 14                                     |
| Enumerators & Interviewers        | 537         | 619         | 7                             | 27                                 | 34                                     |
| Estimators, Investigators, N.E.C. | 1,004       | 1,281       | 25                            | 37                                 | 62                                     |
| Expeditors, Prod. Controllers     | 101         | 128         | 2                             | 1                                  | 3                                      |
| File Clerks                       | 294         | 330         | 3                             | 22                                 | 25                                     |
| Insurance Adjusters, Examiners    | 262         | 264         | 0                             | 5                                  | 5                                      |
| Library Attendants, Assistants    | 427         | 549         | 11                            | 33                                 | 44                                     |
| Mail Carriers, Post Office        | 889         | 931         | 4                             | 22                                 | 26                                     |
| Mail Handlers, exc. Post Office   | 255         | 294         | 4                             | 14                                 | 18                                     |
| Messengers & Office Helpers       | 151         | 136         | -1                            | 6                                  | 5                                      |
| Meter Readers, Utilities          | 138         | 144         | 1                             | 2                                  | 3                                      |
| Payroll, Time Keeping Clerks      | 283         | 320         | 3                             | 14                                 | 17                                     |
| Postal Clerks                     | 966         | 1,013       | 4                             | 32                                 | 36                                     |
| Proofreaders                      | 25          | 28          | 0                             | 2                                  | 2                                      |
| Real Estate Appraisers            | 209         | 288         | 7                             | 13                                 | 20                                     |
| Receptionists                     | 1,439       | 1,789       | 32                            | 107                                | 139                                    |
| Shipping, Receiving Clerks        | 567         | 708         | 13                            | 17                                 | 30                                     |

# ANNUAL JOB OPPORTUNITIES, 1974-1985

## AVERAGE EMPLOYMENT

| Occupation                          | 1974          | 1975          | Industry<br>Expansion | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
|-------------------------------------|---------------|---------------|-----------------------|---------------------------|-------------------------------|
| Statistical Clerks                  | 679           | 743           | 6                     | 33                        | 39                            |
| Stock Clerks, Store Keepers         | 873           | 1,214         | 31                    | 25                        | 56                            |
| Teacher Aides, exc. Monitors        | 948           | 1,750         | 73                    | 78                        | 151                           |
| Telegraph Messengers                | 3             | 2             | 0                     | 0                         | 0                             |
| Telegraph Operators                 | 228           | 126           | -9                    | 3                         | -6                            |
| Telephone Operators                 | 1,112         | 971           | -13                   | 62                        | 49                            |
| Ticket Station, Express Agents      | 347           | 354           | 1                     | 8                         | 9                             |
| Weighers                            | 140           | 162           | 2                     | 7                         | 9                             |
| Misc. Clerical Workers, N.E.C.      | 2,705         | 5,143         | 222                   | 195                       | 417                           |
| <b>CRAFTS &amp; KINDRED WORKERS</b> | <b>42,417</b> | <b>47,108</b> | <b>426</b>            | <b>918</b>                | <b>1,344</b>                  |
| Construction Crafts Workers         | 13,136        | 14,578        | 131                   | 290                       | 421                           |
| Carpenters and Apprentices          | 5,403         | 5,158         | -22                   | 128                       | 106                           |
| Brickmasons & Stonemasons & Appr.   | 314           | 301           | -1                    | 5                         | 4                             |
| Bulldozer Operators                 | 735           | 1,071         | 31                    | 14                        | 45                            |
| Cement & Concrete Finishers         | 238           | 243           | 0                     | 4                         | 4                             |
| Electricians                        | 1,701         | 1,942         | 22                    | 33                        | 55                            |
| Excavating, Grading, Machine Oper.  | 1,887         | 2,623         | 67                    | 42                        | 109                           |
| Floor Layers, exc. Tile Setters     | 75            | 56            | -2                    | 0                         | -2                            |
| Painters & Apprentices              | 1,034         | 1,069         | 3                     | 29                        | 32                            |
| Paperhangers                        | 8             | 5             | 0                     | 0                         | 0                             |
| Plasterers & Apprentices            | 33            | 27            | -1                    | 1                         | 0                             |
| Plumbers & Pipefitters & Appr.      | 1,187         | 1,516         | 30                    | 28                        | 58                            |
| Roofers & Slaters                   | 183           | 201           | 2                     | 3                         | 5                             |
| Structural Metal Craft              | 230           | 267           | 3                     | 2                         | 5                             |
| Tile Setters                        | 108           | 99            | -1                    | 1                         | 0                             |
| Blue Collar Workers Supr., N.E.C.   | 3,705         | 4,438         | 67                    | 95                        | 162                           |
| Metal Crafts Workers, exc. Mech.    | 1,793         | 2,022         | 21                    | 39                        | 60                            |
| Blacksmiths                         | 44            | 25            | -2                    | 2                         | 0                             |
| Boilermakers                        | 248           | 224           | -2                    | 5                         | 3                             |
| Job & Die Setters, Metal            | 4             | 10            | 1                     | 0                         | 1                             |

ANNUAL JOB OPPORTUNITIES, 1974-1985

AVERAGE EMPLOYMENT

| Occupation                             | 1974   | 1985   | Industry<br>Expansion | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
|--|--------|--------|-----------------------|---------------------------|-------------------------------|
|  |        |        |                       |                           |                               |
| Machinist & Apprentices                | 723    | 782    | 5                     | 16                        | 21                            |
| Millwrights                            | 375    | 539    | 16                    | 9                         | 25                            |
| Molders, Metal & Apprentices           | 31     | 36     | 0                     | 1                         | 1                             |
| Sheet Metal Workers, Tinsmiths & Appr. | 351    | 387    | 3                     | 6                         | 9                             |
| Tool, Diemakers                        | 17     | 19     | 0                     | 0                         | 0                             |
| Mechanics, Repairers, Installers       | 15,975 | 17,738 | 160                   | 296                       | 456                           |
| Air Cond., Heating, Refrig.            | 416    | 554    | 13                    | 12                        | 25                            |
| Aircrafts                              | 129    | 152    | 2                     | 1                         | 3                             |
| Auto Accessories Installers            | 61     | 38     | -2                    | 1                         | -1                            |
| Auto Body Repairers                    | 2,211  | 2,078  | -12                   | 39                        | 27                            |
| Auto Mechanics & Apprentices           | 7,606  | 8,199  | 53                    | 130                       | 183                           |
| Data Processing Machine Repairers      | 61     | 115    | 5                     | 0                         | 5                             |
| Farm Implement                         | 797    | 1,020  | 20                    | 21                        | 41                            |
| Heavy Equip. Mech., incl. Diesel       | 2,287  | 2,854  | 52                    | 43                        | 95                            |
| Household Appliance Mechanics          | 457    | 589    | 12                    | 13                        | 25                            |
| Office Machine Repairers               | 190    | 261    | 6                     | 2                         | 8                             |
| Radio, Television Repairers            | 443    | 587    | 13                    | 7                         | 20                            |
| Railroad, Car Shop Repairers           | 477    | 373    | -9                    | 9                         | 0                             |
| Other Mechanics & Repairers            | 840    | 918    | 7                     | 18                        | 25                            |
| Printing Trade Crafts Workers          | 793    | 721    | -7                    | 19                        | 12                            |
| Bookbinders                            | 50     | 49     | 0                     | 2                         | 2                             |
| Compositors & Typesetters              | 525    | 434    | -9                    | 15                        | 6                             |
| Electrotypes, Stereotypers             | 4      | 3      | 0                     | 0                         | 0                             |
| Engravers, exc. Photoengravers         | 25     | 23     | 0                     | -1                        | 1                             |
| Photoengravers, Lithographers          | 20     | 27     | 1                     | 0                         | 1                             |
| Printing Press Operators & Appr.       | 169    | 185    | 1                     | 3                         | 4                             |
| Transportation, Pub. Util. Craft.      | 2,116  | 2,245  | 12                    | 32                        | 44                            |
| Electric Power Line Installers         | 391    | 514    | 12                    | 6                         | 18                            |
| Locomotive Engineers                   | 511    | 597    | 8                     | 13                        | 21                            |
| Locomotive Engineer Helpers            | 80     | 38     | -4                    | 1                         | -3                            |
| Power Station Operators                | 31     | 24     | -1                    | 1                         | 0                             |
| Telephone Installers, Repairers        | 830    | 846    | 1                     | 9                         | 10                            |

| Occupation                          | AVERAGE EMPLOYMENT |        | ANNUAL JOB OPPORTUNITIES, 1974-1985 |                           |                               |
|-------------------------------------|--------------------|--------|-------------------------------------|---------------------------|-------------------------------|
|                                     | 1974               | 1985   | Industry<br>Expansion               | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
|                                     |                    |        |                                     |                           |                               |
| Telephone Line Installers, Splicers | 273                | 226    | -4                                  | 2                         | -2                            |
| Other Crafts, Kindred Workers       | 4,899              | 5,366  | 42                                  | 147                       | 189                           |
| Bakers                              | 350                | 288    | -6                                  | 11                        | 5                             |
| Cabinetmakers                       | 142                | 126    | -1                                  | 3                         | 2                             |
| Carpet Installers                   | 143                | 149    | 1                                   | 1                         | 2                             |
| Crane, Derrick, & Hoist Operators   | 727                | 929    | 17                                  | 12                        | 29                            |
| Decorators, Window Dressers         | 283                | 359    | 7                                   | 14                        | 21                            |
| Dental Laboratory Technicians       | 74                 | 85     | 1                                   | 4                         | 5                             |
| Furniture & Wood Finishers          | 18                 | 28     | 1                                   | 0                         | 1                             |
| Glaziers                            | 148                | 195    | 4                                   | 3                         | 7                             |
| Inspectors, Log & Lumber            | 345                | 401    | 5                                   | 8                         | 13                            |
| Inspectors, Other                   | 437                | 413    | -2                                  | 9                         | 7                             |
| Jewelers & Watchmakers              | 108                | 105    | 0                                   | 3                         | 3                             |
| Millers, Grain, Flour, Feed         | 58                 | 53     | 0                                   | 1                         | 1                             |
| Motion Picture Projectionists       | 108                | 121    | 1                                   | 5                         | 6                             |
| Opticians, Lens Grinder, Polisher   | 178                | 272    | 9                                   | 5                         | 14                            |
| Piano, Organ Tuners, Repairers      | 25                 | 29     | 0                                   | 1                         | 1                             |
| Shoe Repairers                      | 108                | 146    | 3                                   | 6                         | 9                             |
| Sign Painters & Letterers           | 59                 | 61     | 0                                   | 3                         | 3                             |
| Stationary Engineers                | 1,074              | 941    | -12                                 | 38                        | 26                            |
| Stone Cutters, Stone Carvers        | 0                  | 0      | 0                                   | 0                         | 0                             |
| Tailors                             | 48                 | 85     | 3                                   | 6                         | 9                             |
| Upholsterers                        | 202                | 276    | 7                                   | 10                        | 17                            |
| Crafts & Kindred Workers, N.E.C.    | 264                | 304    | 4                                   | 4                         | 8                             |
| OPERATIVES                          | 31,651             | 35,066 | 310                                 | 719                       | 1,029                         |
| Operatives, exc. Transport          | 20,278             | 22,907 | 239                                 | 519                       | 758                           |
| Semi-Skilled Metalworking           | 2,197              | 2,627  | 39                                  | 41                        | 80                            |
| Drill Press Operatives              | 7                  | 5      | 0                                   | 0                         | 0                             |
| Furnace Tenders, Smelters, Pourers  | 548                | 634    | 8                                   | 8                         | 16                            |
| Grinding Machine Operators          | 64                 | 52     | -1                                  | 1                         | 0                             |
| Lathe, Milling Machine Operatives   | 61                 | 65     | 0                                   | 1                         | 1                             |



ANNUAL JOB OPPORTUNITIES, 1974-1985

AVERAGE EMPLOYMENT

| Occupation                             | 1974   | 1985   | Industry<br>Expansion | Replace-<br>ment Needs |     | Average<br>Annual<br>Openings |
|--|--------|--------|-----------------------|------------------------|-----|-------------------------------|
|  |        |        |                       |                        |     |                               |
| Metal Platers                          | 8      | 8      | 0                     | 0                      | 0   | 0                             |
| Punch Stamping Press Operatives        | 39     | 47     | 1                     | 1                      | 2   | 2                             |
| Solderers                              | 6      | 3      | 0                     | 0                      | 0   | 0                             |
| Welders & Flame Cutters                | 1,463  | 1,813  | 31                    | 30                     | 61  | 61                            |
| Semi-Skilled Textile                   | 4      | 11     | 1                     | 0                      | 1   | 1                             |
| Carding, Lapping, Combing              | 0      | 0      | 0                     | 0                      | 0   | 0                             |
| Knitters, Loopers, & Toppers           | 0      | 0      | 0                     | 0                      | 0   | 0                             |
| Weavers                                | 2      | 4      | 0                     | 0                      | 0   | 0                             |
| Other Textile Operatives               | 2      | 7      | 0                     | 0                      | 0   | 0                             |
| Semi-Skilled Packing, Inspecting       | 1,078  | 1,440  | 33                    | 44                     | 77  | 77                            |
| Checkers, Examiners, etc., Mfg.        | 150    | 289    | 13                    | 6                      | 19  | 19                            |
| Graders & Sorters, Mfg.                | 113    | 151    | 3                     | 6                      | 9   | 9                             |
| Meat Wrappers, Retail Trade            | 176    | 183    | 1                     | 9                      | 10  | 10                            |
| Packer, Wrapper, exc. Meat, Produce    | 601    | 778    | 16                    | 22                     | 38  | 38                            |
| Prod. Grader, Packer, exc. Fact., Farm | 38     | 39     | 0                     | 1                      | 1   | 1                             |
| Other Operatives, exc. Transport       | 16,999 | 18,829 | 166                   | 434                    | 600 | 600                           |
| Asbestos, Insulation Workers           | 79     | 100    | 2                     | 1                      | 3   | 3                             |
| Assemblers                             | 237    | 347    | 10                    | 4                      | 14  | 14                            |
| Blasters                               | 52     | 68     | 1                     | 1                      | 2   | 2                             |
| Bottling, Canning Operatives           | 77     | 85     | 1                     | 1                      | 2   | 2                             |
| Surveyor Helpers                       | 288    | 287    | 0                     | 1                      | 1   | 1                             |
| Clothing Ironers & Pressers            | 344    | 278    | -6                    | 22                     | 16  | 16                            |
| Cutting Operatives, N.E.C.             | 354    | 369    | 1                     | 7                      | 8   | 8                             |
| Dressmaker, Seamstress, exc. Fact.     | 499    | 533    | 3                     | 44                     | 47  | 47                            |
| Drillers, Earth                        | 645    | 695    | 5                     | 11                     | 16  | 16                            |
| Dry Wall Installer, Leather            | 118    | 119    | 0                     | 1                      | 1   | 1                             |
| Filer, Polisher, Sander, Buffer        | 130    | 109    | -2                    | 3                      | 1   | 1                             |
| Garage Workers, Gas Station Atten.     | 2,621  | 2,869  | 23                    | 39                     | 62  | 62                            |
| Laundry, Dry Clean Oper. N.E.C.        | 876    | 1,099  | 20                    | 58                     | 78  | 78                            |
| Meat Cutter, Butchers, exc. Mfg.       | 640    | 572    | -6                    | 12                     | 6   | 6                             |

# ANNUAL JOB OPPORTUNITIES, 1974-1985

## AVERAGE EMPLOYMENT

| Occupation                         | 1974   | 1985   | ANNUAL JOB OPPORTUNITIES, 1974-1985 |                      |                               |
|------------------------------------|--------|--------|-------------------------------------|----------------------|-------------------------------|
|                                    |        |        | Industry<br>Expansion               | Replacement<br>Needs | Average<br>Annual<br>Openings |
| Meat Cutters, Butchers             | 406    | 589    | 17                                  | 8                    | 25                            |
| Milliners                          | 15     | 9      | -1                                  | 1                    | 0                             |
| Mine Operatives, N.E.C.            | 2,142  | 1,917  | -20                                 | 37                   | 17                            |
| Mixing Operatives                  | 146    | 152    | 1                                   | 2                    | 3                             |
| Oilers, Greasers, exc. Auto        | 344    | 298    | -4                                  | 5                    | 1                             |
| Painters, Mfg. Articles            | 318    | 411    | 8                                   | 13                   | 21                            |
| Photographic Process Workers       | 177    | 215    | 3                                   | 14                   | 17                            |
| Riveters & Fasteners               | 13     | 12     | 0                                   | -1                   | -1                            |
| Sailors & Deckhands                | 4      | 0      | 0                                   | 0                    | 0                             |
| Sawyers                            | 1,569  | 1,912  | 31                                  | 28                   | 59                            |
| Sewers & Stitchers                 | 292    | 411    | 11                                  | 21                   | 32                            |
| Furnace Tender, Stoker, Exc. Metal | 370    | 294    | -7                                  | 9                    | 2                             |
| Winding Operatives, N.E.C.         | 8      | 12     | 0                                   | 0                    | 0                             |
| Misc. Machine Operatives           | 2,366  | 2,734  | 33                                  | 45                   | 78                            |
| Operatives, N.E.C.                 | 1,869  | 2,333  | 42                                  | 47                   | 89                            |
| Transport Equipment Operatives     | 11,373 | 12,159 | 71                                  | 200                  | 271                           |
| Boat Operators                     | 12     | 19     | 1                                   | 2                    | 3                             |
| Bus Drivers                        | 1,108  | 1,284  | 16                                  | 42                   | 58                            |
| Delivery & Route Drivers           | 2,364  | 2,627  | 23                                  | 35                   | 58                            |
| Fork Lift, Tow Motor Operatives    | 735    | 862    | 12                                  | 10                   | 22                            |
| Rail Vehicle Operators, N.E.C.     | 108    | 88     | -2                                  | 2                    | 0                             |
| Parking Attendants                 | 66     | 74     | 1                                   | 4                    | 5                             |
| Railroad Brake Operators           | 496    | 503    | 1                                   | 9                    | 10                            |
| Railroad Switch Operators          | 409    | 353    | -5                                  | 7                    | 2                             |
| Taxicab Drivers, Chauffeurs        | 232    | 203    | -3                                  | 7                    | 4                             |
| Truck Drivers                      | 5,843  | 6,146  | 27                                  | 82                   | 109                           |
| <u>SERVICE WORKERS</u>             | 42,856 | 53,658 | 982                                 | 2,817                | 3,799                         |
| Cleaning Service Workers           | 9,043  | 11,662 | 238                                 | 548                  | 786                           |
| Lodging Qtrs. Cleaners, exc. Priv. | 1,754  | 2,018  | 24                                  | 129                  | 153                           |

## ANNUAL JOB OPPORTUNITIES, 1974-1985

## AVERAGE EMPLOYMENT

| <u>Occupation</u>                  | <u>1974</u> | <u>1985</u> | <u>Industry<br/>Expansion</u> | <u>Replace-<br/>ment<br/>Needs</u> | <u>Average<br/>Annual<br/>Openings</u> |
|------------------------------------|-------------|-------------|-------------------------------|------------------------------------|--|
| Building Interior Cleaners, N.E.C. | 2,899       | 4,405       | 137                           | 206                                | 343                                    |
| Janitors & Sextons                 | 4,390       | 5,239       | 77                            | 213                                | 290                                    |
| Food Service Workers               | 16,898      | 19,458      | 233                           | 1,036                              | 1,269                                  |
| Bartenders                         | 2,464       | 2,916       | 41                            | 108                                | 149                                    |
| Waiters Assistants                 | 464         | 460         | 0                             | 6                                  | 6                                      |
| Cooks, exc. Private                | 4,823       | 6,184       | 124                           | 313                                | 437                                    |
| Dishwashers                        | 1,184       | 1,274       | 8                             | 57                                 | 65                                     |
| Food Counter, Fountain Workers     | 936         | 1,038       | 9                             | 68                                 | 77                                     |
| Waiters                            | 5,534       | 6,079       | 50                            | 395                                | 445                                    |
| Food Workers, N.E.C., exc. Private | 1,493       | 1,507       | 1                             | 89                                 | 90                                     |
| Health Service Workers             | 5,932       | 9,530       | 327                           | 510                                | 837                                    |
| Dental Assistants                  | 344         | 491         | 13                            | 33                                 | 46                                     |
| Health Aides, exc. Nursing         | 504         | 775         | 25                            | 37                                 | 62                                     |
| Health Trainees                    | 6           | 2           | 0                             | 0                                  | 0                                      |
| Lay Midwives                       | 0           | 0           | 0                             | 0                                  | 0                                      |
| Nurse Aides, Orderlies             | 3,570       | 5,516       | 176                           | 299                                | 475                                    |
| Practical Nurses                   | 1,508       | 2,746       | 113                           | 141                                | 254                                    |
| Personal Service Workers           | 5,094       | 6,917       | 166                           | 404                                | 570                                    |
| Flight Attendants                  | 6           | 7           | 0                             | 0                                  | 0                                      |
| Atten., Recreation, Amusement      | 394         | 426         | 3                             | 15                                 | 18                                     |
| Atten., Personal Service, N.E.C.   | 187         | 220         | 3                             | 13                                 | 16                                     |
| Baggage Porters & Bellhops         | 74          | 56          | -2                            | 1                                  | -1                                     |
| Barbers                            | 300         | 231         | -6                            | 11                                 | 5                                      |
| Boarding, Lodging Housekeepers     | 137         | 142         | 0                             | 13                                 | 13                                     |
| Child Care Workers, exc. Private   | 1,607       | 2,429       | 75                            | 148                                | 223                                    |
| Elevator Operators                 | 76          | 57          | -2                            | 5                                  | 3                                      |
| Hairdressers, Cosmetologists       | 1,451       | 2,207       | 69                            | 144                                | 213                                    |
| Housekeepers, exc. Private         | 437         | 487         | 5                             | 24                                 | 29                                     |
| School Monitors                    | 53          | 97          | 4                             | 4                                  | 8                                      |
| Ushers, Recreation, Amusement      | 52          | 48          | 0                             | 3                                  | 3                                      |
| Welfare Service Aides              | 320         | 510         | 17                            | 23                                 | 40                                     |

| Occupation                            | AVERAGE EMPLOYMENT |        | ANNUAL JOB OPPORTUNITIES, 1974-1985 |                           |                               |
|---------------------------------------|--------------------|--------|-------------------------------------|---------------------------|-------------------------------|
|                                       | 1974               | 1985   | Industry<br>Expansion               | Replace-<br>ment<br>Needs | Average<br>Annual<br>Openings |
| Protective Service Workers            | 2,615              | 3,182  | 52                                  | 73                        | 125                           |
| Crossing Guard, Bridgetenders         | 5                  | 6      | 0                                   | 0                         | 0                             |
| Firefighters                          | 384                | 464    | 7                                   | 4                         | 11                            |
| Guards                                | 774                | 718    | -5                                  | 36                        | 31                            |
| Marshals & Constables                 | 46                 | 78     | 3                                   | 1                         | 4                             |
| Police & Detectives                   | 1,021              | 1,400  | 35                                  | 18                        | 53                            |
| Sheriffs & Bailiffs                   | 385                | 516    | 12                                  | 14                        | 26                            |
| Private Household Workers             | 3,274              | 2,909  | -33                                 | 245                       | 212                           |
| Child Care Workers                    | 2,421              | 2,086  | -30                                 | 181                       | 151                           |
| Cooks, Private                        | 19                 | 18     | 0                                   | 2                         | 2                             |
| Housekeepers, Private                 | 234                | 227    | -1                                  | 16                        | 15                            |
| Launderers, Private                   | 13                 | 9      | 0                                   | 1                         | 1                             |
| Household Cleaners, Servants, Private | 587                | 569    | -2                                  | 45                        | 43                            |
| LABORERS, EXCEPT FARM                 | 15,791             | 16,196 | 37                                  | 349                       | 386                           |
| Animal Caretakers, exc. Farm          | 608                | 750    | 13                                  | 21                        | 34                            |
| Carpenter Helpers                     | 532                | 401    | -12                                 | 6                         | -6                            |
| Const. Labr., exc. Carpenter Help.    | 2,970              | 3,074  | 9                                   | 45                        | 54                            |
| Fishers, Hunters, Trappers            | 5                  | 4      | 0                                   | 0                         | 0                             |
| Freight, Material Handlers            | 2,663              | 2,635  | -3                                  | 35                        | 32                            |
| Garbage Collectors                    | 248                | 466    | 20                                  | 5                         | 25                            |
| Gardeners, Groundkeepers, exc. Farm   | 1,177              | 1,272  | 9                                   | 62                        | 71                            |
| Longshore Workers, Stevedores         | 11                 | 38     | 2                                   | 0                         | 2                             |
| Timber Cutting, Logging Workers       | 1,036              | 914    | -11                                 | 14                        | 3                             |
| Stock Handlers                        | 2,222              | 2,511  | 26                                  | 57                        | 83                            |
| Teamsters                             | 147                | 135    | -1                                  | 2                         | 1                             |
| Vehicle Washers, Equip. Cleaners      | 371                | 465    | 9                                   | 9                         | 18                            |
| Warehouse Laborers, N.E.C.            | 831                | 775    | -5                                  | 10                        | 5                             |
| Other Laborers                        | 2,970              | 2,756  | -19                                 | 83                        | 64                            |
| FARMERS AND FARM WORKERS              | 34,579             | 32,293 | -208                                | 1,193                     | 985                           |

TABLE II.3

PROJECTIONS OF  
TOTAL JOB OPPORTUNITIES AND PERCENT DISTRIBUTION  
BY MAJOR OCCUPATIONS IN MONTANA FROM 1974 TO 1985

| <u>Occupation</u>                | <u>Expansion<br/>Needs</u> | <u>Replacement<br/>Needs</u> | <u>Total<br/>Job Opportunities</u> |                |
|----------------------------------|----------------------------|------------------------------|------------------------------------|----------------|
|                                  |                            |                              | <u>Number</u>                      | <u>Percent</u> |
| Total, All Occupations           | 42,900                     | 131,505                      | 174,405                            | 100.0          |
| Professional, Technical, Kindred | 9,141                      | 16,764                       | 25,905                             | 14.9           |
| Managers, Officials, Proprietors | 4,961                      | 14,432                       | 19,393                             | 11.1           |
| Clerical & Kindred               | 9,790                      | 26,290                       | 36,080                             | 20.7           |
| Sales Workers                    | 1,991                      | 8,063                        | 10,054                             | 5.8            |
| Crafts & Kindred Workers         | 4,686                      | 10,098                       | 14,784                             | 8.5            |
| Operatives & Kindred             | 3,410                      | 7,909                        | 11,319                             | 6.5            |
| Service Workers                  | 10,802                     | 30,987                       | 41,789                             | 23.9           |
| Laborers, Except Farm & Mining   | 407                        | 3,839                        | 4,246                              | 2.4            |
| Farmers & Farm Workers           | -2,288                     | 13,123                       | 10,835                             | 6.2            |

TABLE II.4

TOTAL OCCUPATIONAL EMPLOYMENT IN MONTANA FOR 1970, 1974 AND PROJECTED 1985  
WITH AVERAGE ANNUAL GROWTH RATES FROM 1970 - 1974 AND 1974 - 1985

| <u>Occupational Group</u>                                 | <u>Employment</u> |             |             | <u>Annual Growth Rate (%)</u> |                  |
|---|-------------------|-------------|-------------|-------------------------------|------------------|
|   | <u>1970</u>       | <u>1974</u> | <u>1985</u> | <u>1970-1974</u>              | <u>1974-1985</u> |
| TOTAL, ALL OCCUPATIONS                                    | 254,690           | 299,424     | 342,335     | 4.4                           | 1.3              |
| <u>PROFESSIONAL, TECHNICAL &amp; KINDRED</u>              | 34,421            | 37,896      | 47,042      | 2.5                           | 2.2              |
| Engineers, Science Technicians,<br>Other Technicians      | 2,815             | 3,568       | 4,974       | 6.7                           | 3.6              |
| Engineers, Technical                                      | 1,788             | 2,118       | 2,673       | 4.6                           | 2.4              |
| Medical & Health Technologists,<br>& Other Health Workers | 5,438             | 6,454       | 8,982       | 4.7                           | 3.6              |
| Teachers  | 13,480            | 12,484      | 13,405      | -1.9                          | .1               |
| Natural & Social Scientists                               | 1,091             | 1,248       | 1,634       | 3.6                           | 2.8              |
| Writers, Artists, Entertainers                            | 1,881             | 2,399       | 3,071       | 6.9                           | 2.6              |
| Other Professional, Technical & Kindred                   | 7,928             | 9,625       | 12,303      | 5.4                           | 2.5              |
| <u>MANAGERS, OFFICIALS &amp; PROPRIETORS</u>              | 29,246            | 37,716      | 42,675      | 7.2                           | 1.2              |
| <u>SALES WORKERS</u>                                      | 14,350            | 16,780      | 18,766      | 4.2                           | 1.1              |
| <u>CLERICAL &amp; KINDRED WORKERS</u>                     | 33,168            | 39,738      | 49,531      | 5.0                           | 2.2              |
| Stenos, Typists & Secretaries                             | 8,816             | 10,123      | 13,875      | 3.7                           | 3.4              |
| Office Machine Operators                                  | 890               | 984         | 988         | 2.6                           | 0                |
| Other Clerical Workers                                    | 23,462            | 28,631      | 34,668      | 5.5                           | 1.6              |
| <u>CRAFTS &amp; KINDRED WORKERS</u>                       | 30,976            | 42,417      | 47,108      | 9.2                           | 1.0              |
| Construction Crafts Workers                               | 10,618            | 13,136      | 14,578      | 5.9                           | 1.0              |
| Blue Collar Workers, Supervisors, NEC                     | 3,274             | 3,705       | 4,438       | 3.3                           | 1.8              |
| Metalworking Crafts Workers, exc. Mechanics               | 1,534             | 1,793       | 2,022       | 4.2                           | 1.2              |
| Mechanics & Repairers                                     | 8,556             | 15,975      | 17,738      | 21.7                          | 1.0              |
| Printing Trades Crafts Workers                            | 687               | 793         | 721         | 3.9                           | -1.0             |
| Transp., Public Util. Craft Workers                       | 1,860             | 2,116       | 2,245       | 3.4                           | .6               |
| Other Crafts & Kindred Workers                            | 4,447             | 4,899       | 5,366       | 2.5                           | .9               |
| <u>OPERATIVES &amp; KINDRED WORKERS</u>                   | 28,569            | 31,651      | 35,066      | 2.7                           | 1.0              |
| Transport Equipment Operatives                            | 9,631             | 11,373      | 12,159      | 4.5                           | .7               |
| Semi-Skilled Metalworkers                                 | 1,979             | 2,197       | 2,627       | 2.8                           | 1.8              |
| Semi-Skilled Packing, Inspecting                          | 1,044             | 1,078       | 1,440       | .8                            | 3.1              |
| Other Operatives, Except Transport                        | 15,915            | 17,003      | 18,840      | 1.7                           | 1.0              |
| <u>SERVICE WORKERS</u>                                    | 38,567            | 42,856      | 53,658      | 2.8                           | 2.3              |
| Cleaning Service Workers                                  | 7,524             | 9,043       | 11,662      | 5.1                           | 2.6              |
| Private Household Workers                                 | 4,006             | 3,274       | 2,909       | 4.6                           | -.1              |
| Protective Service Workers                                | 2,344             | 2,615       | 3,182       | 2.9                           | 2.0              |
| Food Service Workers                                      | 13,857            | 16,898      | 19,458      | 5.5                           | 1.4              |
| Personal Service Workers                                  | 5,421             | 5,094       | 6,917       | -1.5                          | 2.4              |
| Health Service Workers                                    | 5,415             | 5,932       | 9,530       | 2.4                           | 5.5              |
| <u>LABORERS, EXCEPT FARM &amp; MINE</u>                   | 14,861            | 15,791      | 16,196      | 1.6                           | .2               |
| <u>FARMERS &amp; FARM WORKERS</u>                         | 30,532            | 34,579      | 32,293      | 3.3                           | -.6              |

TABLE II.5

## SELECTED OCCUPATIONS, BY OCCUPATIONAL GROUP

HAVING AVERAGE ANNUAL OPENINGS OF 100 OR MORE

| <u>Occupation</u>                             | <u>Avg. Ann. Openings</u> |
|---|---------------------------|
| Professional, Technical, Kindred              |                           |
| Registered Nurses                             | 240                       |
| • Elementary School Teachers                  | 407                       |
| Secondary School Teachers                     | 108                       |
| Accountants                                   | 105                       |
| •   |                           |
| Managers, Officials, Proprietors              | 118                       |
| Bank, Financial Mgrs. Officials, Admins. Pub. | 106                       |
| Office Managers, N.E.C.                       | 115                       |
| Other Managers, Administrators                | 877                       |
| Sales Workers                                 |                           |
| Sales Representative, Wholesale Trade         | 140                       |
| Sales Clerks, Retail Trade                    | 630                       |
| Sales Workers, Retail Trade                   | 110                       |
| Clerical Workers                              |                           |
| Secretaries                                   | 929                       |
| Typists                                       | 200                       |
| Bookkeepers                                   | 411                       |
| Cashiers                                      | 183                       |
| Counter Clerks, exc. Food                     | 118                       |
| Receptionists                                 | 139                       |
| Teachers Aides, exc. Monitors                 | 151                       |
| Crafts & Kindred Workers                      |                           |
| Carpenters                                    | 106                       |
| Excavating, Grading, Mach. Opr.,              | 109                       |
| Auto Mechanics & Apprentices                  |                           |
| Operatives                                    |                           |
| Truck Drivers                                 | 110                       |
| Service Workers                               |                           |
| Lodging Quarters Cleaners exc. Private        | 153                       |
| Building Interior Cleaners N.E.C.             | 342                       |
| Janitors & Sextons                            | 291                       |
| • Bartenders                                  | 149                       |
| Cooks, exc. Private                           | 436                       |
| Waiters                                       | 445                       |
| " Nurses Aides, Orderlies                     | 475                       |
| Practical Nurses                              | 254                       |
| Child Care Workers, exc. Private              | 222                       |
| Hairdressers, Cosmetologists                  | 212                       |
| Child Care Workers, Private                   | 151                       |
| Household Cleaners, Servants, Private         | 180                       |
| Farmers and Farm Workers                      |                           |
| Farmers (Owners & Tenants)                    | 641                       |
| Farm Managers                                 | 147                       |

MONTANA EMPLOYMENT BY BROAD OCCUPATIONAL GROUP:  
1970, 1974, PROJECTED 1985  
(In thousands)

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# EMPLOYMENT

| OCCUPATIONAL GROUP                    | 1970 | Percent | 1974 | Percent | Projected |         | Percent Change |           |
|---------------------------------------|------|---------|------|---------|-----------|---------|----------------|-----------|
|                                       |      |         |      |         | 1985      | Percent | 1970-1974      | 1974-1985 |
| Crafts & Kindred Workers              | 31.0 | 12.16   | 42.4 | 14.17   | 47.1      | 13.76   | 36.94          | 11.06     |
| Construction Crafts Workers           | 13.9 | 5.46    | 16.8 | 5.63    | 19.0      | 5.56    | 23.71          | 10.98     |
| Metal Work, Craft Workers, exc. Mech. | 1.5  | .6      | 1.8  | .6      | 2.0       | .59     | 16.88          | 12.77     |
| Mechanics, Repairers, Installers      | 8.6  | 3.36    | 16.0 | 5.34    | 17.7      | 5.18    | 86.71          | 11.04     |
| Printing Trade Crafts Workers         | .7   | .27     | .8   | .26     | .7        | .21     | 15.43          | -9.09     |
| Transportation, Pub. Util. Craft      | 1.9  | .73     | 2.1  | .71     | 2.2       | .66     | 13.76          | 6.10      |
| Other Crafts & Kindred Workers        | 4.4  | 1.75    | 4.9  | 1.64    | 5.4       | 1.57    | 10.16          | 9.53      |
| Operatives                            | 28.6 | 11.23   | 31.7 | 10.57   | 35.1      | 10.24   | 10.79          | 10.79     |
| Operatives, Exc. Transportation       | 19.0 | 7.44    | 20.3 | 6.77    | 22.9      | 6.69    | 7.08           | 12.96     |
| Transportation Equipment Oper.        | 9.6  | 3.78    | 11.4 | 3.80    | 12.2      | 3.55    | 18.09          | 6.91      |
| Service Workers                       | 38.6 | 15.14   | 42.9 | 14.31   | 53.7      | 15.67   | 11.12          | 25.21     |
| Cleaning Service Workers              | 7.5  | 2.95    | 9.0  | 3.02    | 11.7      | 3.41    | 20.19          | 28.96     |
| Food Service Workers                  | 14.0 | 5.44    | 17.0 | 5.65    | 19.5      | 5.68    | 21.95          | 15.15     |
| Health Service Workers                | 5.4  | 2.13    | 5.9  | 1.98    | 9.5       | 2.78    | 9.55           | 60.65     |
| Personal Service Workers              | 5.4  | 2.13    | 5.1  | 1.70    | 6.9       | 2.02    | -6.03          | 35.79     |
| Protective Service Workers            | 2.3  | .92     | 2.6  | .87     | 3.2       | .93     | 11.56          | 21.68     |
| Private Household Service Workers     | 4.0  | 1.57    | 3.3  | 1.09    | 2.9       | .85     | -18.27         | -11.15    |
| Laborers, Exc. Farm                   | 14.9 | 5.83    | 15.8 | 5.27    | 16.2      | 4.73    | 6.26           | 2.56      |
| Farmers and Farm Workers              | 30.5 | 11.99   | 34.6 | 11.55   | 32.3      | 9.43    | 13.25          | -6.61     |

TABLE II.7

OCCUPATIONS HAVING EMPLOYMENT OF 100 OR MORE IN 1985  
SHOWING A 50% OR MORE GROWTH RATE.

| <u>Occupation</u>                                   | <u>Employment</u> |             | <u>Percent Change</u> |
|---|-------------------|-------------|-----------------------|
|   | <u>1974</u>       | <u>1985</u> | <u>1974 - 1985</u>    |
| Therapists  | 406               | 791         | 94.83                 |
| Checkers, Examiners, Etc. Manufacturing             | 150               | 289         | 92.67                 |
| Misc. Clerical Workers, NEC                         | 2,705             | 5,143       | 90.13                 |
| Optometrists  | 89                | 168         | 88.76                 |
| Data Processing Machine Repairers                   | 61                | 115         | 88.52                 |
| Garbage Collectors                                  | 248               | 466         | 87.90                 |
| Writers, Artists, Entertainers, NEC                 | 115               | 216         | 87.83                 |
| Teacher's Aides, Except Monitors                    | 948               | 1,750       | 84.60                 |
| Practical Nurses                                    | 1,508             | 2,746       | 82.10                 |
| Other Technicians Except Health                     | 228               | 411         | 80.26                 |
| Agricultural, Biological, Technicians Except Health | 192               | 328         | 70.83                 |
| Dieticians  | 132               | 221         | 67.42                 |
| Economists  | 153               | 254         | 66.01                 |
| Other Health Technologists, Technicians             | 248               | 409         | 64.92                 |
| Vocational, Educational Counselors                  | 396               | 642         | 62.12                 |
| Preschool, Kindergarten Teachers                    | 468               | 755         | 61.32                 |
| Secretaries, Legal                                  | 354               | 570         | 61.02                 |
| Athletes & Kindred Workers                          | 251               | 403         | 60.56                 |
| Welfare Service Aides                               | 320               | 510         | 59.38                 |
| School Administrators, College                      | 180               | 284         | 57.78                 |
| Purchasing Agents, Buyers                           | 339               | 532         | 56.93                 |
| Research Workers                                    | 271               | 423         | 56.09                 |
| Veterinarians                                       | 169               | 263         | 55.62                 |
| Nurses Aides, Orderlies                             | 3,510             | 5,516       | 54.51                 |
| Health Administrators                               | 601               | 927         | 54.24                 |
| Health Aides, Except Nursing                        | 504               | 775         | 53.77                 |
| Air Traffic Controllers                             | 189               | 290         | 53.44                 |
| Opticians, Lens Grinders, Polishers                 | 178               | 272         | 52.81                 |
| Hairdressers, Cosmetologists                        | 1,451             | 2,207       | 52.10                 |
| Building Interior Cleaners, NEC                     | 2,899             | 4,405       | 51.95                 |
| Electrical, Electronic Technicians                  | 254               | 385         | 51.57                 |
| Child Care Workers, Except Private                  | 1,607             | 2,429       | 51.15                 |

TABLE II.8

OCCUPATIONS HAVING EMPLOYMENT OF 100 OR MORE IN 1985  
 SHOWING A 10% OR MORE NEGATIVE GROWTH RATE.  
 FROM 1974 - PROJECTED 1985 IN MONTANA

| <u>Occupation</u>                   | <u>Employment</u> |             | <u>Percent Change</u> |
|-------------------------------------|-------------------|-------------|-----------------------|
|                                     | <u>1974</u>       | <u>1985</u> | <u>1974-1985</u>      |
| Telegraph Operators                 | 228               | 126         | -44.74                |
| Stenographers                       | 704               | 415         | -41.05                |
| Keypunch Operators                  | 405               | 287         | -29.14                |
| Newspaper Carriers & Vendors        | 365               | 263         | -27.96                |
| Carpenters, Helpers                 | 532               | 401         | -24.62                |
| Barbers                             | 300               | 231         | -23.00                |
| Railroad, Car Shop Repairers        | 477               | 373         | -21.80                |
| Furnace Tender, Stoker Except Metal | 370               | 294         | -20.54                |
| Clothing; Ironers & Pressers        | 344               | 278         | -19.19                |
| Farm Laborers, Wage Workers         | 12,816            | 10,509      | -18.00                |
| College & University Teachers       | 1,420             | 1,167       | -17.82                |
| Bakers                              | 350               | 288         | -17.71                |
| Compositors & Typesetters           | 525               | 434         | -17.33                |
| Telephone Line Installers, Splicers | 273               | 226         | -17.22                |
| Filer, Polisher, Sander, Buffer     | 130               | 109         | -16.15                |
| Postmasters & Mail Supervisors      | 329               | 281         | -14.59                |
| Buyers, Shippers, Farm Products     | 188               | 161         | -14.36                |
| Child Care Worker                   | 2,421             | 2,086       | -13.84                |
| Railroad Switch Operators           | 409               | 353         | -13.69                |
| Oilers, Greasers, Except Auto       | 344               | 298         | -13.37                |
| Telephone Operators                 | 1,112             | 971         | -12.68                |
| Taxicab Drivers, Chauffeurs         | 232               | 203         | -12.50                |
| Stationary Engineers                | 1,074             | 941         | -12.38                |
| Timber Cutting, Logging Workers     | 1,036             | 914         | -11.78                |
| Cabinetmakers                       | 142               | 126         | -11.27                |
| Meat Cutters, Butchers, Except MF   | 640               | 572         | -10.62                |
| Mine Operatives                     | 2,142             | 1,917       | -10.50                |
| Real Estate Agents, Brokers         | 940               | 844         | -10.21                |

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